

## A Possible Correlation of Color Perception to the Psychology of Politics

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Dyslexia is a difficulty associated with the reduction of reading comprehension and speed, despite those individuals otherwise having normal intelligence. It is primarily a visual problem rather than a cerebral problem.

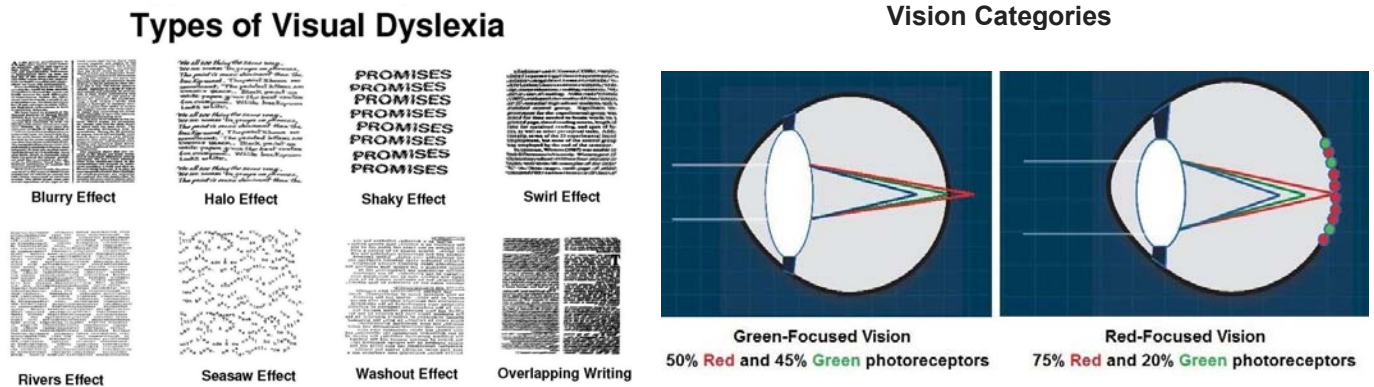
### Types of visual dyslexia

**Strabismus dyslexia** - the eyes are not able to work in unison to simultaneously see the same image.

**Chromatic dyslexia** - a higher percentage of red photoreceptors **increase** the stability of distant images but **decreases** the stability of close image which increases the visual stress required for reading (de-coding) letter-based words

**Overminus dyslexia** - excess refractive lens power reduces cognition.

Much of the purported "letter reversal" associated with dyslexia is in actuality a matter of "bad guessing" of the letters and words due to an unstable image rather than a cerebral dysfunction.



Dyslexia has little or nothing to do with intelligence or "letter reversal." Rather it is the consequence of individuals having difficulty reading and understanding letter based words. The politically correct term "slow readers" has been created to describe individuals with dyslexia. However, it was recently discovered that most "slow readers" have a higher percentage of red (L) to green (M) photoreceptors.

[https://www.researchgate.net/publication/6392071\\_LM\\_Speed-Matching\\_Ratio\\_Predicts\\_Reading\\_in\\_Children](https://www.researchgate.net/publication/6392071_LM_Speed-Matching_Ratio_Predicts_Reading_in_Children)

"Slow readers" tend to have 75% red (L) and 20% green (M) photoreceptors while non-slow readers have 50% red (L) and 45% green (M) photoreceptors. Accommodation is the rapid changing of the shape of the biological lens to adjust the focal length of an image so that it is "focused" on the retina. However, a higher percentage of red (75%) facilitates a more stable distance image with red focused on the back of the retina and green in front of the retina, while a lower percentage of red (50%) facilitates green being focused on the retina and red behind the retina for a more stable near image. Individuals with a higher percentage of red (75%) however, tend to have an unstable near-image and symptoms of what we call dyslexia, as well as symptoms of migraines and epilepsy due to the added near-image stress.

There also seems to be a genetic factor in the ratio of red/green photoreceptors.

I created the term "**Graphic-Vision**" (or **Red-Focused Vision**) when I discovered that 90% of Native Americans have dyslexia. "Dyslexia" is so rampant among Native Americans that the term "dyslexia" is now viewed as a racial epithet. Using the term "Graphic-Vision" is also more explanatory in describing the visual mechanism of color perception, and in including the broader range of migraine and epilepsy symptoms.

About 80% of the European gene pool has predominantly "**Letter-based Vision**" (**Green-Focused Vision**) which could correlate to the use of letter-based words and greater near image visual stability. About 80% of the Chinese gene pool has Graphic-Vision and may correlate to the development of pictographic based words which are more stable at a further distance. About 90% of Native Americans have Graphic-Vision and are survivors of the Mongolian gene pool which crossed over the Bering Straight some 13,000 years ago. The 90%

Graphic-Vision of Native Americans likely correlates to 80% of Hispanic Americans having Graphic-Vision due to racial mingling. About 80% of Native Africans have Graphic-Vision which likely correlates to the 60% of African-Americans having Graphic-Vision due to (frequently forced) racial mingling

Because 21st century technology is letter-based, people with dyslexia have an impediment as to developing those competitive literacy skills. Graphic-Vision may also explain why some African-American and Hispanic students struggle with "letter-based" education. Learning to read (reading "White") frequently requires learning to read words as pictographs, such as in the Orton-Gillingham technique. Having chromatically modulated lenses, such as the experimental ViewChroma® lenses, could potentially eliminate those dyslexia, migraine, and epilepsy symptoms.

However, there are psychological and physiological factors associated with near-image visual stress.

Chromatic dyslexia and **Graphic-Vision** is associated with the retina having a 75% red and 20% green and 5% blue percentage of photoreceptors. **Letter-based Vision** has a 50% red and 45% green and 5% blue percentage of photoreceptors

People with chromatic dyslexia tend to overcompensate due to that unstable near image. As they walk down a hallway corridor their heads tend to bob from side-to-side (also known as the "Steve Jobs walk"). They also tend to have a preference for authoritarianism due to overcompensation to that visual instability (also known as the "Steve Jobs style of management"). And they tend to have difficulty with academics (such as "Steve Jobs the college dropout"), and a propensity for drug use since marijuana and alcohol reduce the visual stress from the difficulty of focusing on near-images (which partly is why Jobs went to India where weed is legal and widely available).

What was stunning was my discovery that almost all of the Donald Trump supporters have symptoms of chromatic dyslexia.

### The Screening Test:

To screen for the chromatic dyslexia concept we developed a 10 second color contrast test. The test uses a segmented uniformly rotating image called a **Dyop**, short for dynamic optotype. The test also seems to have a 95% correlation to personal or family history symptoms of chromatic dyslexia, migraines, and/or epilepsy.

Rotating **Green-on-White** and rotating **Blue-on-Black** Dyops, which have identical angular diameters, appear to become smaller as the viewer moves away from the screen, or by clicking the screen Down Arrow. Eventually **ONLY ONE** of the rotating Dyops remains detectable as rotating. Excess reduction of the apparent Dyop diameters will have the rotation of both Dyops cease to be visible.

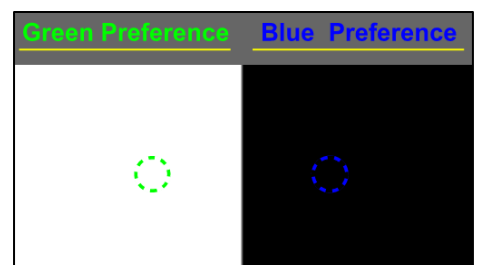
Symptoms of chromatic dyslexia or migraines or epilepsy are typically indicated when you can **ONLY** detect as rotating the smaller Blue-on-Black Dyop and **NOT** the smaller rotating Green-on-White Dyop.

### **PC version**

<http://www.dyop.info/documents/ColorScreening.html>

### **iPad/iPhone version**

<http://www.dyop.info/documents/ColorScreening-x10.swf.html>



### The Pre-Election Survey

When using the Dyop color screening test, and prior to the November 2016 Presidential Election, I anecdotally noticed that some enthusiastic Trump supporters also had chromatic dyslexia.

To attempt a sample validation of "political-visual" correlation, I went to a nearby Mall to use the color screening test on my iPhone. When identical diameter Green and Blue rotating Dyops became sufficiently smaller, eventually only one if them will be able to be detected as rotating.

<http://www.dyop.info/documents/ColorScreening-x10.swf.html>

At a nearby Mall Food Court I asked a small survey of 30 "registered voters" for their Dyop color preference. The two questions I asked were,

- 1.) "As the Dyops get smaller by moving away from the screen, when you can detect **ONLY ONE** of the two Dyops rotating, is it the **Green-on-White** or the **Blue-on-Black**?"
- 2.) "If you were to vote today, would you vote for Clinton or Trump?"

In the initial survey, 17 of the subjects' preferentially only saw the Blue rotation and 13 subjects preferentially only saw the Green rotation. Of the 30 subjects, 11 of them were Trump supporters and 19 of them were Clinton supporters. There were approximately six individuals who were also approached but refused to participate in the survey.

**ALL** of the 11 Trump supporters preferentially saw the smaller rotating **Blue**. **NONE** of the 11 Trump supporters preferentially saw the smaller identical-diameter rotating **Green**. Of the 19 Clinton supporters, six of them preferentially saw the rotating Blue and 13 of them preferentially saw the rotating Green. Again, **NONE** of the individuals preferentially seeing the rotating **Green** were Trump supporters, indicating that **ALL** of the 11 Trump supporters had chromatic dyslexia.

I have since surveyed an additional 10 subjects. Four of the additional subjects were Trump supporters and six were Clinton supporters. Of the Trump supporters, two preferentially saw the smaller rotating Blue Dyop; however, two of them preferentially saw the smaller rotating Green Dyop. Two of the additional Clinton supporters preferentially saw the rotating Blue and four of the additional Clinton supporters preferentially saw the rotating Green.

**My color test responses to date:**

<u>Candidate</u>	<u>Blue</u>	<u>Green</u>	<u>Total</u>
<u>Trump</u>	13	2	15
<u>Clinton</u>	8	17	25
<b><u>Total</u></b>	<b><u>21</u></b>	<b><u>19</u></b>	<b><u>40</u></b>

**This is a very limited test with an insufficient number of subjects, but it is something which needs to be objectively validated with a much larger subject group.**

**Does this mean anything?**

Could the overwhelming preference for detecting the rotating Blue, and indicating chromatic dyslexia, correlate to the higher percentage of Trump supporters who possibly have dyslexia? Could that overwhelming preference for Blue correlates to the percentage of Trump supporters who believe what they hear rather than what they read? It may be possible that the Green/Trump preference individuals have strabismus dyslexia rather than chromatic dyslexia.

**Maybe not; but it IS very scary.**

This could also not only explain the dominance of non-college graduates (who were less motivated to go to college due to reading difficulties) in their ranks, and their gullibility as to Trump's dementia.

**You will want to run your own evaluation.**

**Possible explanation:**

One of the psychological effects of dyslexia is overcompensation in dealing with that unstable close image. Typical of that overcompensation is a person **with** chromatic dyslexia walking down a corridor with their head bobbing from side-to-side due to that visual instability (the "Steve Jobs walk"). A person **without** chromatic dyslexia will walk down the same corridor with their head moving in a straight line.

Dyslexia overcompensation seems to also lead to a preference for authoritarian and hierarchical relationships. That could translate into a preference for someone projecting confidence rather than competence, and a belief in what they hear rather than what they read. Reading letter-based words is a collaborative process where the combination of the letters determines the word meaning, and the combination of words is what determines the concept. Words and letters by themselves frequently have no meaning. The meaning comes from the context and the relationship with associated words. NON-dyslexics have mastered the collaborative letter-to-word-to-concept process.

Trump supporters tend to be authoritarian and hierarchical as to their convictions. It indicates a preference of Confidence over Competence. Clinton supporters tend to be collaborative and more concerned with literacy and logic. It indicates a preference of Competence over Confidence.

Cultures in Asia, Africa, and the Mid-east tend to be authoritarian, and tend to have 80% of their populations having **Graphic-Vision**. However, there is also a 2500 year-old historic precedent as to reading and authoritarian political convictions. Red-haired haired Socrates despised reading and writing. What we know about Socrates is only from the writings of his heretic pupil Plato. Because of his efforts in attempting to lead a violent revolution to replace Athenian democracy with an oligarchy, Socrates was sentenced to death. Socrates was also the first "certified dyslexic" since his despising reading and writing and hierarchal social attitude was likely due to dyslexia.

### **Background information**

[http://www.dyop.info/documents/2015\\_ARVO\\_Poster-TEXT.pdf](http://www.dyop.info/documents/2015_ARVO_Poster-TEXT.pdf)

<http://www.dyop.info/documents/Chase-Accommodation-v5b.pdf>

### **Follow-up Observation**

Matthew MacWilliams discovered that Trump support seem to have a high preference for "authoritarianism."

<http://www.politico.com/magazine/story/2016/01/donald-trump-2016-authoritarian-213533>

The correlation of authoritarianism to dyslexia symptoms is possibly from the overcompensation to an unstable near vision image. That behavior was typified by the head-bobbing motion of the "Steve Jobs" and his style of management prior to getting fired by Apple. It also is typified by Jobs' academic failures at Reed College and his forays into drugs, since marijuana acts as a muscle relaxant to reduce the near-Dyop visual stress of **Graphic-Vision**.

The most recent (and stunning) observation, however, of Trump's dyslexia was watching the videotape (literally) of Trump's inauguration. Trump and Pence walked down the corridor towards the inauguration podium with their heads bobbing from side-to-side typical of someone with dyslexia. They were followed by Obama and Biden walking down the corridor with their heads and eyes moving in a straight line.

Michelle Obama's and Jill Biden's heads also both moved in a straight line. Melania's head moved in a straight line, probably indicating her training as a model, or that she does not have dyslexia. However, Eric and Baron Trump both demonstrated head bobbing as they walked, while Ivanka and Donald Junior did not.

PS. I am still trying to understand why about a third of the people who **HAVE Graphic-Vision** are **NOT** Trump supporters, and are terrified of him. I think it has to do with group ethics (or "ethics per se") or parental training to be nice to others rather than abusive. I don't know. I do know that almost **NONE** of the **Letter-based Vision** people were Trump supporters.

There may be an explanation as to the childhood of the Trump supporters. Apparently dyslexics who support Trump seem to be individuals who were either abused or neglected in their childhood.

<https://www.researchgate.net/project/Dynamic-Model-of-Psychopathy>

[https://www.washingtonpost.com/news/wonk/wp/2016/02/01/how-your-parenting-style-predicts-whether-you-support-donald-trump/?tid=hybrid\\_experimentrandom\\_1\\_na&utm\\_term=.1cf425fb20b3](https://www.washingtonpost.com/news/wonk/wp/2016/02/01/how-your-parenting-style-predicts-whether-you-support-donald-trump/?tid=hybrid_experimentrandom_1_na&utm_term=.1cf425fb20b3)

<http://www.politico.com/magazine/story/2016/01/donald-trump-2016-authoritarian-213533>

**Caveat: I am in the process of trying to have my correlation academically validated. Any assistance as to additional validation, OR even valid academic disproval, would be greatly appreciated.**