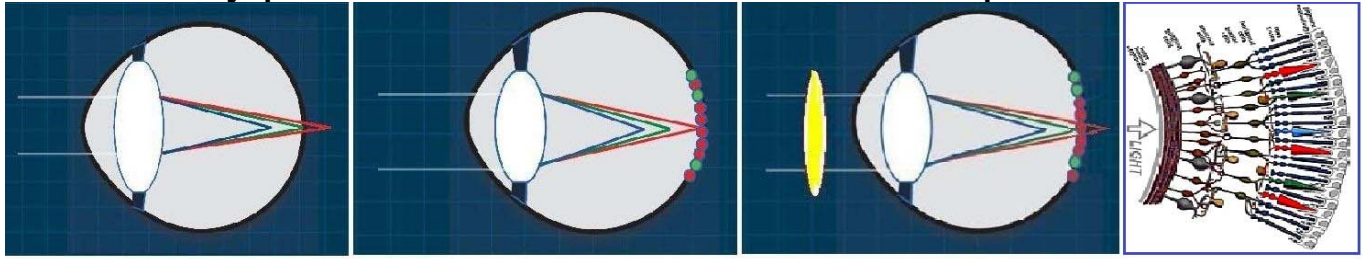


Dyop® / ViewChroma® Chromatic Assessment Response Form



Green-Focused Vision
GFV - 50% red / 45% green / 5% blue

Red-Focused Vision
RFV - 75% red / 20% green / 5% blue

Chromatic Modulation

Photoreceptors

Subject Name: _____ **Test Date:** _____ **OD/OS/UO:** _____

Acuity (accommodation) is typically regulated by the relative focal depth of red and green light.

Select a Dyop® color combination (below) and record the responses as the arc width endpoint.

The Dyop® Acuity Endpoint for each color/contrast is the smallest angular arc width detected as rotating.

The smallest Black/White-on-Gray arc width Dyop® detected as rotating is the Acuity Endpoint benchmark.

A Dyop® angular arc width of 7.6 arc minutes is equivalent to 20/20 Snellen acuity.

A Green-on-White Dyop® acuity endpoint smaller than a Blue-on-Black acuity endpoint indicates Green-Focused Vision.

A Blue-on-Black Dyop® acuity endpoint smaller than Green-on-White acuity endpoint indicates Red-Focused Vision.

Color	Hex	RGB
G1-White	FFFFFF	255.255.255
G2	CCCCCC	204.204.204
G3	999999	153.153.153

Color	Hex	RGB
G4	666666	102.102.102
G5	333333	51.51.51
G6-Black	000000	0.0.0

Color	Hex	RGB
Red	FF0000	255.0.0
Green	00FF00	0.255.0
Blue	0000FF	0.0.255

Dyop Color/Contrast												
Arc Width	White/Green	Blue/Black		BW/Red	BW/Green	Black/White 255.255.255	Black/White 204.204.204	Black/White 153.153.153	Black/White 102.102.102	Black/White 51.51.51	Black/White 0.0.0	
Dyop Color/Contrast												
Arc Width	G2/G1	G3/G1	G1/G2	G3/G2	G2/G3	G4/G3	G3/G4	G5/G4	G4/G5	G6/G5	G4/G6	G5/G6
Dyop Color/Contrast												
Arc Width	Blue/G1	Blue/G2	Blue/G3	Blue/G4	Blue/G5	Blue/G6	G1/Blue	G2/Blue	G3/Blue	G4/Blue	G5/Blue	G6/Blue
Dyop Color/Contrast												
Arc Width	Green/G1	Green/G2	Green/G3	Green/G4	Green/G5	Green/G6	G1/Green	G2/Green	G3/Green	G4/Green	G5/Green	G6/Green
Dyop Color/Contrast												
Arc Width / Arc Area	G1/Red	G2/Red	G3/Red	G4/Red	G5/Red	G6/Red	G1/Red	G2/Red	G4/Red	G5/Red	G5/Red	G6/Red