

Jordan Stevens  
*A Glimpse into the Horizon*

I wanted to see whether eye color affected peripheral vision. I thought that people with brown eyes would have better peripheral vision; and that people with blue or green eyes would have better peripheral vision in dim light.

I tested nine people between the ages of 15 and 40. Three people had brown eyes, three had green eyes, and three had blue eyes. I set up my peripheral vision test and each person sat down and told me when they saw the object, when they saw the color of the object, and when they saw the shape at the top of the object while staring at a point at 90 degrees. I created five different objects all of which were on top of different colored popsicle sticks. The five colors that I chose were red, orange, yellow, green, and blue. Each color had a shape; red was a circle, orange was a triangle, yellow was a star, green was a heart and blue was a square. During my testing, I would write down my data and what color of eyes the person had.

I found the degree at which the subject saw the object, color, and shape for each eye color. In the end, I took the average of each eye color to find my total.

I found that brown eyes have better peripheral vision than people with green or blue eyes. Also, people who have blue and green eyes do not have better peripheral vision in dimmer light.