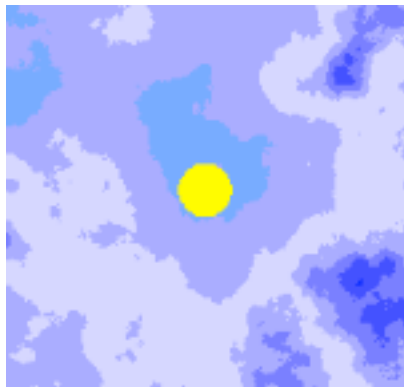


Ewald Hering - [opponent processes](#) theory.

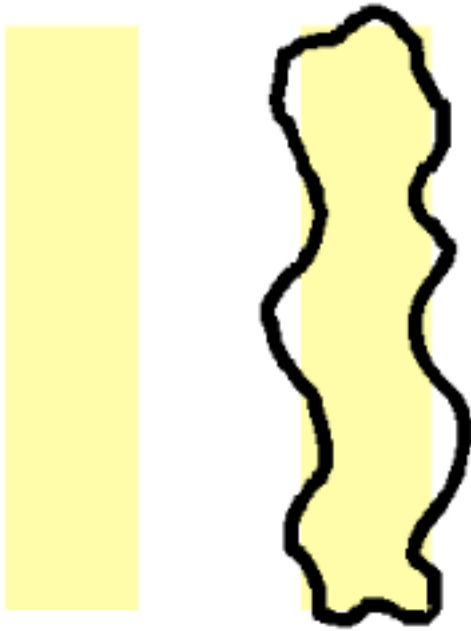
Stare at the plus sign on the left for about 30 seconds. As you do this you probably will see some colors around the blue and green circles. After about 30 seconds, shift your gaze to the plus sign on the right. What did you see? You probably saw a yellow and desaturated reddish circle.



1 2 3 4 5 6

Close your right eye and look directly at the number 3. Can you see the yellow spot in your peripheral vision? Now slowly move towards or away from the screen. At some point, the yellow spot will disappear.

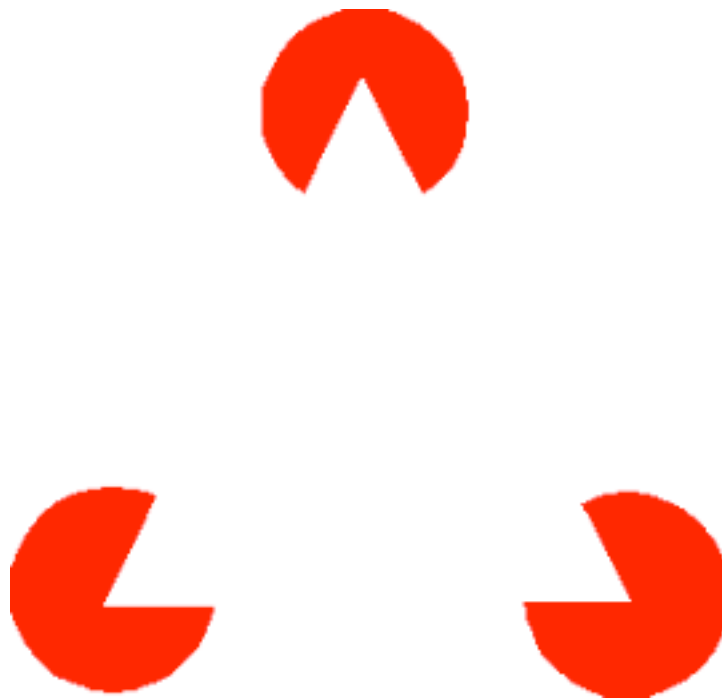
## Boynton Illusion



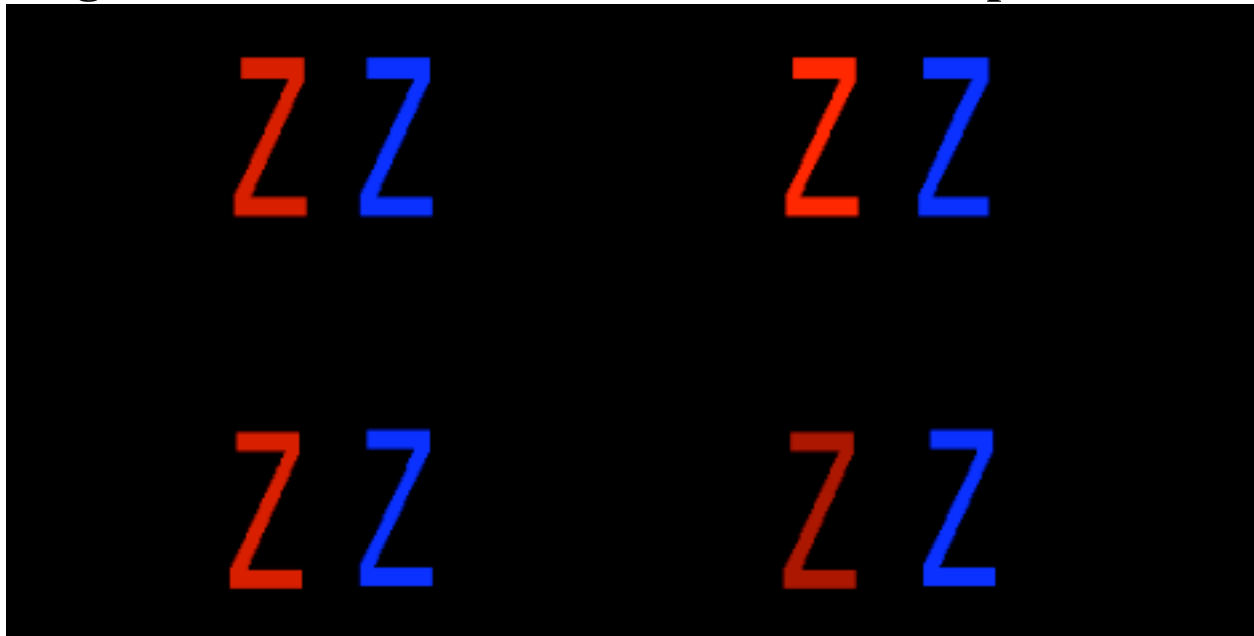
Examine these figures closely. Note the yellow areas on the left and on the right. Now step back from your computer screen about 6 or 8 feet and look at them again. Do they still appear as they did close up? Most people would probably see the shape of the right yellow area defined by the black squiggly line.

It is generally assumed that [luminance](#) is mediated primarily by the long and middle wavelength cones.

## Kanizsa Illusion

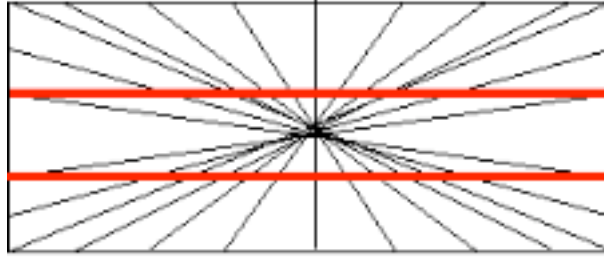


## Brightness & Color Influence Distance Perception

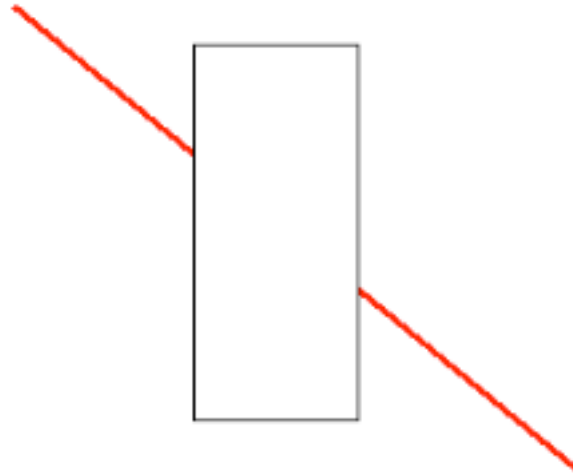


Since these letters are all presented on your video monitor, they obviously are all located in the same plane. But do all the Z's appear to be in the same plane or do some appear closer than others?

[more information on this demonstration](#)

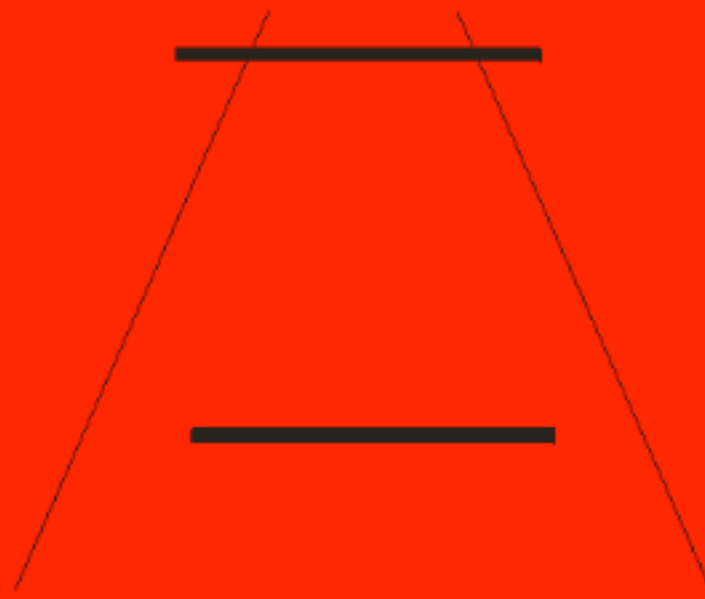


**Hering Illusion**



**Poggendorff Illusion**

Fun Things



## **Ponzo Illusion**

Which horizontal line appears longer? Take a ruler and measure them to determine the answer.