

3.3 Visual Anatomy  
F. Describe the vision process, including the specific nature of energy transduction, relevant anatomical structures, and specialized pathways in the brain for each of the senses.  
G. Explain common sensory conditions.

Hering’s Opponent-process theory

Young-Helmholtz trichromatic theory

**Path that light travels to the eye:**

Cornea, Pupil, Iris , Lens, Retina

Can People in Libraries Read

(See diagram)

**Vision gets processed by the Occipital Lobe**

Depth Perception (see 3.4) &

Feature Detectors

**Transduction occurs at the retina**

Rods/Cons to Bipolar Cells to Ganglion Cells and then out the Optic Nerve

(See diagram)

Color Blindness

Proven by

Afterimage Effect

Proven by