

POSTERIOR HUMAN EYE ANATOMY

[Cross-Section Illustration Area]

1. SCLERA

The dense, fibrous outer layer (white of the eye) providing structural integrity and protection.

2. CHOROID

The vascular middle layer containing connective tissue and blood vessels that nourish the outer retina.

3. RETINA

The innermost light-sensitive neural layer where images are formed and converted to electrical signals.

4. MACULA / FOVEA CENTRALIS

The central area of the retina responsible for sharp, detailed, and color central vision.

5. OPTIC DISC

The entry point for the optic nerve; also known as the "blind spot" due to the lack of photoreceptors.

6. VITREOUS HUMOR

The clear, gel-like substance filling the posterior chamber, maintaining the eye's spherical shape.