

# ANATOMY OF THE HUMAN EYE

Scientific Reference Chart | Structural Layers

[ Anatomical Cross-Section Illustration Area ]

## 1. FIBROUS TUNIC (OUTER)

**Sclera** Dense white connective tissue; provides structural integrity.

**Cornea** Transparent anterior layer; primary refractive medium.

## 2. VASCULAR TUNIC (UVEA)

**Choroid** Pigmented vascular layer; prevents light reflection.

**Ciliary Body** Controls lens shape and produces aqueous humor.

**Iris** Contractile diaphragm regulating light entry.

## 3. NEURAL TUNIC (INNER)

**Retina** Contains photoreceptors (rods & cones).

**Fovea Centralis** Area of highest visual acuity.

**Optic Disc** Exit point for optic nerve (blind spot).

## 4. INTERNAL MEDIA

**Lens** Biconvex transparent body for accommodation.

**Vitreous Body** Gelatinous mass maintaining intraocular pressure.

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