

Eye Glasses prescription

The diagram shows a standard eye glasses prescription table with five columns: Eye, Sphere, Cyl, Axis, and Add. Each column is highlighted with a colored box and has a corresponding callout explaining its meaning. The Sphere column is blue, Cyl is green, Axis is green, Add is orange, and the Eye column is red. Arrows point from each callout box to its respective column in the table.

| | SPHERE | CYL | AXIS | ADD |
|------|--------|-------|------|-------|
| O.D. | +4.25 | +2.50 | 090 | +2.00 |
| O.S. | +4.00 | +1.50 | 090 | +2.00 |

Callouts:

- SPHERE:** The "spherical error" (that is, nearsighted or farsighted). A "+" means the prescription is farsighted. A "-" means the prescription is nearsighted. The higher the number after the + or -, the stronger the prescription.
- CYL:** These numbers describe any astigmatism. The "Cyl" number indicates the severity of the astigmatism. Axis tells you which way the astigmatism is oriented.
- AXIS:** These numbers describe any astigmatism. The "Cyl" number indicates the severity of the astigmatism. Axis tells you which way the astigmatism is oriented.
- ADD:** This number is used for bifocals, it gets added to the regular sphere prescription to get the near vision prescription.
- Eye:** Tells you which eye the prescription is for. "O. D." is the right eye, "O. S." is the left eye. Some prescriptions simply list "L" and "R".

Hyperopia (farsightedness) – Difficulty seeing at close distance. "Farsighted people can see clearly in the distance but only if they use more focusing effort (accommodation) than those who have normally powered eyes; close-up vision may be blurred because it requires even more focusing effort. Corrected with additional optical power, supplied by a plus lens (spectacle or contact) or refractive surgery."

Myopia (nearsightedness) – Difficulty seeing at far distance. "Myopic people see close-up objects clearly but distance vision is blurry. Corrected with a minus lens (spectacle or contact) or refractive surgery to "weaken" the eye optically and permit clear distance vision."