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Increasing damage to the ozone layer enables higher levels of ultraviolet radiation to probe the atmosphere, thus resulting in significant damage to the environment, skin cancer, and eye problems. As such, more and more people now believe it fundamental to put on sunscreen, sunglasses, or safety glasses even in mild weather.

However, eye care specialists caution against wrong use of sunglasses. The irises react according to the amount of light the pupil requires. They expound when the environment is dim and shrink if it is bright. Recognizing that sunglasses can make the pupils dilate, eye care professionals developed prescription sunglasses to prevent eye damage.

Like a usual corrective eyewear, prescription sunglasses are made to aid or deal with hindered eyesight. With the protective tint, people with hyperopia, myopia, or presbyopia can see clearly on a sunny day while maintaining appropriate focus. Tinted corrective lenses are made with a durable, flexible plastic resin called allyl diglycol carbonate (ADC) or CR-39. This resin is insusceptible to scratching as well as gamma and ultraviolet radiation.

Some prescription sunglass lenses are made with polycarbonate, which is a very resilient thermoplastic. This strong thermoplastic is also utilized to make bulletproof glass, riot shields, and safety glasses for high-risk jobs. Like allyl diglycol carbonate, the polycarbonate lenses on sunglasses Vancouver optometrists offer are also remarkably resistant to ultraviolet radiation. The coatings on these sunglasses may either be anti-reflective or mirrored, according to one's aesthetic choice.

You may visit an eye clinic Vancouver eye doctors operate to ascertain the present situation of your eyes. After all, your eyes may have special needs that the optometrist may have to take into account when making your prescription sunglasses. For example, wraparound lenses, or those that arc toward the side of the eyes for additional protection, could deform your peripheral vision. Fortunately, eyewear manufacturers have invented several ways to reduce this distortion, such as lessening the curvature.

Certain types of sunglasses are designed to be suited for constant wear. Some people favor photochromic lenses, so they can sport at least one pair of corrective glasses for both indoor and outdoor use. The tint on photochromic lenses is activated by ultraviolet light, so that they color when left open to ultraviolet radiation. People have to take an eye exam Vancouver optometrists provide to allow optometrists to style suitable photochromic corrective eyewear.

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[Vincent Davis](#) - About Author:

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