"Disk Jockey" Mixer Metaphor:
Real-world and virtual world mixtures give us a one-dimensional "fader" that allows us to choose from augmented, eXtended, eXpanded, or virtual reality as various points along the "\( \mathbb{X} \)" axis between the extremes of Real Reality and Virtual Reality.

Fig. 1a

Mediated Reality:
Mediated Reality includes the one-dimensional continuum of augmented, enhanced, eXpanded, and eXtended realities along the "\( \mathbb{X} \)" axis between the extremes of Real Reality and Virtual Reality, and it also includes modified reality such as eyeglasses that help the visually impaired by filtering out advertising and simplifying complex scenes. George Stratton's upside-down eyeglass of 1896 (more than 120 years ago) are an example along the Médiality ("\( \mathbb{Y} \)") axis. My welding helmet is an example of extremely modified reality with virtual overlays (i.e. high in "\( \mathbb{X} \)" and "\( \mathbb{Y} \)").

Fig. 1b