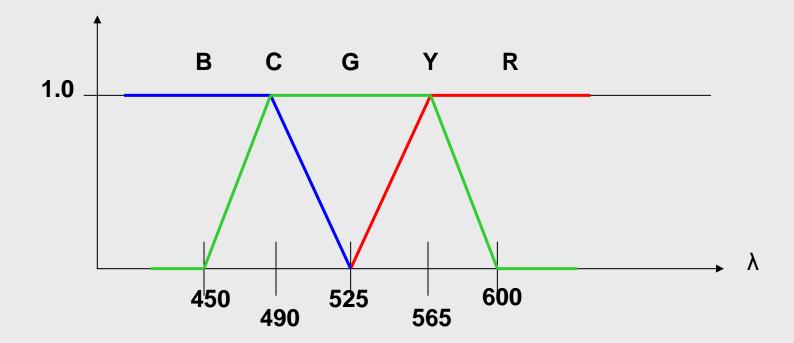
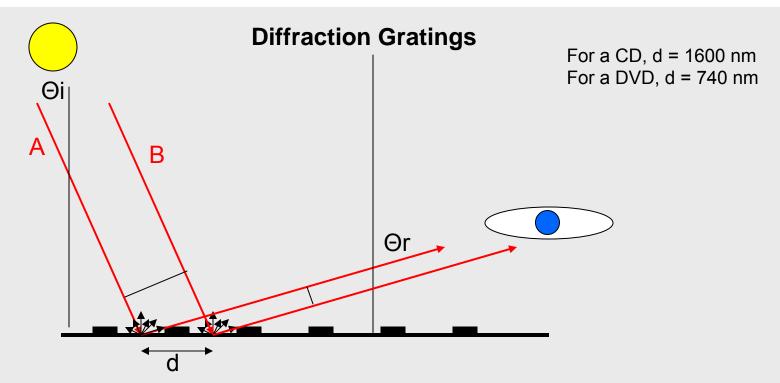
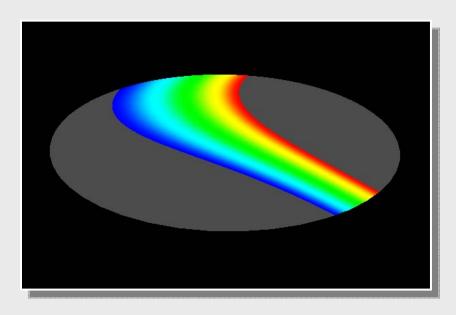
## **Subtractive Colors**







On the way in, A travels dsin( $\Theta$ i) less than B. On the way out, A travels dsin( $\Theta$ r) more than B.

So, wavelengths reinforce when abs[dsin( $\Theta$ i) - dsin( $\Theta$ r)] is a multiple of the wavelength = m $\lambda$ 

 $\lambda^* = abs[dsin(\Theta i) - dsin(\Theta r)] / m$