Reading 3/12 DO = Grea - Quiolet Ny~1.53 violet

Based on Fig. 35.18 in book, nged ~ 1.5164 Nyiolet = 1.5393 Msino = (1) sin(30°)

=> 0 = arcsin(1/2n) in n's : Pred Dviolet = 0,0052 rad

(i) First, "purple" is a polychronatic color (mix of red and blue wavelengths). (ii) As for why it's not "violet", this is because the sun's emission spectrum peaks in red/yellow and falls from there

(iii) Finally, ourse eyes are also less sensetive to deep violet light than blue light