

# $\Delta Y / \Delta Y_u$ TUBsRGB tristimulus value difference $\Delta Y$ normalized to $\Delta Y_u$

$$L^* = s (Y/Y_n)^n - d \quad (Y_n=100, Y_u=18, s=100, n=1/\ln(10), d=16) \quad [1a]$$

$$L^* = r (Y/Y_u)^n - d \quad (r = s (Y_u/Y_n)^n = 47,48, L^*_u = r - d) \quad [1b]$$

$$dY = [Y_n / (n s)] (Y / Y_n)^{1-n} \quad [2c]$$

$$dY_u = [Y_n / (n s)] (Y_u / Y_n)^{1-n} = 1,0934 \quad [2d]$$

$$dY / dY_u = (Y / Y_u)^{1-n} \quad [2e]$$

