$\Delta Y/\Delta Y_u$

TUBsRGB-Normfarbwertdifferenz ΔY normiert für ΔY_u

$L^* = s\,(Y/Y_n)^n - d$ $\quad (Y_n=100,\ Y_u=18,\ s=100,\ n=1/\ln(10),\ d=0)$ [1a]

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

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

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

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

$\log(dY/dY_u) = (1-n)\log(Y/Y_u)$ [2f]