

log ($\Delta Y/Y$)

LABJNDu9

tristimulus value sensitivity

$Y_{nc}=Y_{wRGBnc}=100, 21, 72, 7$

$S_r=(\Delta Y/Y)$

0 -1

$t^*_{LABJNDu9}=\ln(A_{1n}+A_{2n}Y)/(A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$

$t^*_{LABJNDu9}=\ln(A_{1n}+A_{2u}x)/(A_{2u}A_{0n}) \quad (x=Y/Y_u)$

$dY/Y=A_{0n}(A_{1n}+A_{2n}Y)/Y=A_{0n}(A_{1n}+A_{2u}x)/Y$

-1 0,1

$(dY/Y)_{90}=0,0025, A_{0n}=1,0, A_{2u}=0,0438, c_x=0,42$

$(dY/Y)_{18}=0,0028, A_{1n}=0,007, A_{2n}=0,0024$

$(dY/Y)_{3,6}=0,0044, Y_u=18, dY_u=0,05$

-2 0,01

application
range

$\log(dY/Y)=-2,54, m_u=-0,15$

$t^*_u=1187, dY_u=0,05, dY_u/Y_u=0,0028$

-3 0,1 1 10 100 Y
-2 -1 0 $x_N=0,2$ 1 $x_W=5$ 2 log(Y)