

$\log(Y/\Delta Y)$

LABJNDu9

tristimulus value contrast

$Y_{nc} = L^*_{wRGBnc} = 100, 52, 87, 31$

$C_r = (Y/\Delta Y)$

10000

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

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

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

3

1000

$T^*_u = 791, dY_u = 0,09, Y_u/dY_u = 197$

$\log(Y/dY) = 2,29, m_u = 0,26$

2

100

application
range

1

0,1

1

10

100 Y

-2

-1

0

$x_N = 0,2$

1

$x_u = 1$

$x_w = 5$

2

$\log(Y)$