

$\log(\Delta Y/\Delta Y_u)$

LABJNDu9 relative
tristimulus value difference

$Y_{nc} = L^* w_{RGBnc} = 100, 52, 87, 31$

$\Delta Y/\Delta Y_u$

2
100

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

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

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

1
10

0
1
 $T^*_u = 332, dY_u = 0,16, dY_u/Y_u = 0,0092$

$\log[(dY)/(dY)_u] = 0, m_u = 0,93$

application
range

0,1

10

100

$x_u = 1$

100

y

-2 -1 0 1 2 $\log(Y)$

$x_N = 0,2$

$x_W = 5$