

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

LABJNDu2 relative
tristimulus value difference

$Y_{nc}=Y_w$ RGBnc=100, 21, 72, 7

$\Delta Y/\Delta Y_u$

2 100

$$l^*_{LABJNDu2} = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$$

$$l^*_{LABJNDu2} = \ln(A_{1n} + A_{2u}x) / (A_{2u}A_{0n}) \quad (x = Y/Y_u)$$

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

1 10 $dY_{90}/dY_u = 4,51, A_{0n} = 1,5, A_{2u} = 0,1044, c_x = 0,84$

$$dY_{18}/dY_u = 1,00, A_{1n} = 0,014, A_{2n} = 0,0058$$

$$dY_{3,6}/dY_u = 0,29, Y_u = 18, dY_u = 0,17$$

0 1 $l^*_u = 332, dY_u = 0,17, dY_u/Y_u = 0,0098$

$$\log[(dY)/(dY)_u] = 0, m_u = 0,88$$

application
range

0,1

10

$l_{x_u} = 1$

100

Y

-2

-1

0

$x_N = 0,2$

1

$x_W = 5$

2

$\log(Y)$