



Relative and scaled visual differences; triplets and pairs; 6 step interval scaling

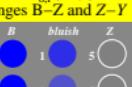
relative visual scale $\Delta V_{3,1}$ ($i=0,1$) range 0 to 1



pair comparison (P) to grey - turquoise
 $\Delta P_{0,1}^g : \Delta V_{3,1}^g = 10$



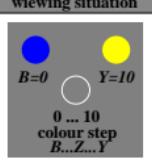
relative visual scale $\Delta V_{i,j}$ ($i=0,4$) ranges $B-Z$ and $Z-Y$



scaled visual data
 $\Delta V_{i,j}^g : \Delta V_{i,j} : \Delta P_{i,j}^g$ ($i=0,4$)
 $\Delta V_{6,1} : \Delta P_{6,1}^g : \Delta V_{6,1}^g$

B	b luish	Z	
0.20	4.2	0.84	0.84
0.40	4.2	1.68	0.84
0.60	4.2	2.52	0.84
0.80	4.2	3.36	0.84
		yellowish	Y
0.20	10.8	2.16	2.16
0.40	10.8	4.32	2.16
0.60	10.8	6.48	2.16
0.80	10.8	8.64	2.16

viewing situation



relative triplet scaling

pair comparison

slider to adjust the sample

final scaled data

1-000030-10

XE20-7N

Anchor (A) and 6 step (S) series of BAM-1985 pair comparison and interval scaling experiments

A-Serie 1

L_A^*	L_B^*	ΔV_A^*
48	48	4.2
48	49	18.8
46	47	20.0
47	49	8.2
48	47	14.3
47	43	11.3
44	47	10.0
47	47	22.2

A-Serie 2

L_A^*	L_B^*	ΔV_A^*
10	48	16.7
N1	Z	
48	60	5.0
W1	Z	
11	51	22.5
N2	X	
51	66	6.2
W2	Z	
28	51	6.0
N3	Z	
51	125	14.0
W3	Z	
29	31	11.5
BN	D	
31	30	7.5
D	YN	

S-Serie 1

ΔV_S
3.84
2.40
4.00
1.64
2.86
2.26
2.00
4.44

S-Serie 2

ΔV_S
3.34
1.00
4.41
1.24
1.20
2.80
2.30
1.50

Reference pair

$\Delta V_A^* = 0.2 \Delta V_A$
 $\Delta V_S = 10$
 $(\Delta E_{6,1}^* = 69)$

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XE20-7N

TUB-test chart XE20; relative and scaled differences colour triplets and colour pairs; blue - yellow series

input: w/rgb/cmyk -> w/rgb/cmyk...

