



Figure A Absorption spectra of TiO₂ films (3 μm thickness) sensitized by the individual dye alone (Y/TiO₂, R/TiO₂ and B/TiO₂) and by their combination (Y+R+B/TiO₂, the molar ratio of Y:R:B in dyeing solutions was 10:20:1).

Table A The adsorption amount and ratio of the dyes on TiO₂ films (9 μm thickness).

Y : R : B (dye solution) ^a	Y : R : B (TiO ₂ film) ^b	Y (10 ⁻⁸ mol/cm ²) ^c	R (10 ⁻⁸ mol/cm ²) ^c	B (10 ⁻⁸ mol/cm ²) ^c
10 : 50 : 1	2.5 : 1.0 : 0.9	16.5	6.7	6.0
10 : 30 : 1	3.5 : 1.0 : 1.2	20.1	5.7	6.7
10 : 20 : 1	4.1 : 1.0 : 1.3	22.1	5.4	7.0
10 : 10 : 1	5.0 : 1.0 : 1.5	25.1	5.0	7.5
10 : 10 : 5	2.2 : 1.0 : 2.9	6.9	3.2	9.3
10 : 20 : 0		27.3	7.4	
10 : 0 : 1		32.1		10.9
0 : 20 : 1			11.8	7.9
1 : 0 : 0		37.5		
1 : 0 : 0 ^d		31.4		
0 : 1 : 0			14.2	
0 : 1 : 0 ^d			10.9	
0 : 0 : 1				18.4
0 : 0 : 1 ^d				12.0

^aThe ratio of the dyes in dyeing solutions; ^bThe ratio of the dyes adsorbed on TiO₂ films; ^cThe adsorption amount of the dyes on TiO₂ films; ^d1.0 mM of DCA was present in dyeing solutions.