

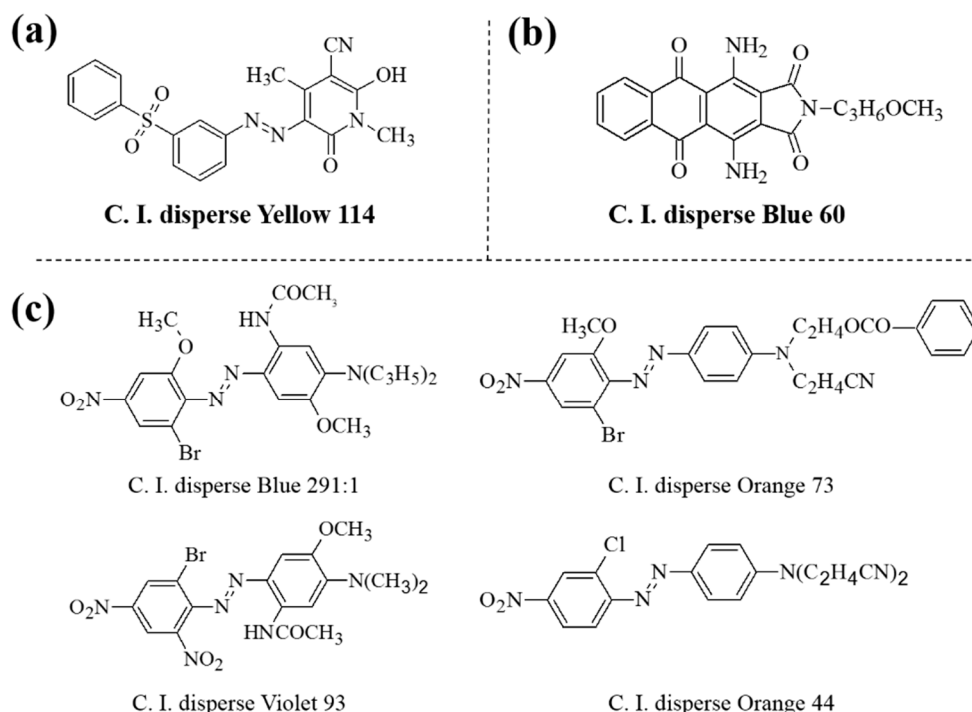
Inkjet Printable and Self-Curable Disperse Dyes/P(St-BA-MAA) Nanosphere Inks for Both Hydrophilic and Hydrophobic Fabrics

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Disperse black ECT

Scheme S1. Molecular structure of C. I. disperse Yellow 114 (a), C. I. disperse Blue 60 (b) and disperse black ECT (c) which combined with C. I. disperse Blue 291:1, C. I. disperse Orange 73, C. I. disperse Violet 93, C. I. disperse Orange 44.

Table S1. The CIE Lab color values of printed fabrics. ^a.

Printed fabrics ^b	L*	a*	b*	c*	h°
Cotton-Red	68.66	36.43	11.32	38.15	17.26
Cotton-Blue	55.32	-10.16	-43.75	44.91	256.90
Cotton-Yellow	85.78	1.07	76.69	76.70	89.20
Cotton-Black	29.78	-0.12	0.29	0.31	111.60
Polyester-Red	71.61	36.18	9.06	37.30	14.06
Polyester-Blue	54.69	-8.71	-44.26	45.11	258.90
Polyester-Yellow	87.86	-3.68	78.24	78.33	92.70
Polyester-Black	28.08	-0.19	0.25	0.32	127.70

^a. Printing parameters: Pixel 500 dpi, 5 pass. ^b. All the fabrics were modified by EPTAC and baked at 150 °C for 2 min.