ISO 12640-2:2004-07 (E)

Graphic technology - Prepress digital data exchange - Part 2: XYZ/sRGB encoded standard colour image data (XYZ/SCID)

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Image data 2

5 Data description and definition 2
5.1 Data set definition 2
5.2 Relationship between CIE XYZ and sRGB colour data 3
5.3 Natural images 4
5.4 Synthetic images 7

6 Electronic data 12
6.1 Image data characteristics 12
6.2 File structure 12

Annex A (normative) Standard colour image digital data -- Guidance for use 14

Annex B (normative) Check-sum data 16

Annex C (informative) Typical TIFF file headers used for image data 18

Annex D (informative) Text insertion 22

Annex E (informative) Image evaluation and reproduction 23

Bibliography 25