



INTERNATIONAL STANDARD ISO 12640-2:2004
TECHNICAL CORRIGENDUM 1

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

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

TECHNICAL CORRIGENDUM 1

Technologie graphique — Échange de données numériques de préimpression —
Partie 2: Données d'images en couleur normalisées codées XYZ/sRGB (XYZ/SCID)

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to ISO 12640-2:2004 was prepared by Technical Committee ISO/TC 130, *Graphic technology*.

Page 4, 5.2.3

Since the initial publication of ISO 12640-2:2004, colour systems have become more widely used and it is necessary to caution the user in the use of its electronic inserts. In the case of independent channel scaling applied for encoding the XYZ image data of this part of ISO 12640, standard D65 CIEXYZ profiles will produce incorrect results. Add the following paragraph at the end of 5.2.3:

The use of the XYZ image files of this part of ISO 12640 with colour management systems requires use of an International Color Consortium (ICC) profile. The independent channel scaling of the XYZ image data of this part of ISO 12640 means that simple D65 CIEXYZ profiles will produce incorrect results. Consequently, the profile “D65channelscaledXYZ.icc” has been created to facilitate consistent interpretation (input) of these data. This profile is freely available at <http://www.color.org/XYZprofiles.html>. This profile is intended for interpretation of the D65 channel scaled XYZ image files of this part of ISO 12640 and is not appropriate for use with standard CIEXYZ data, either for interpretation or creation.

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