

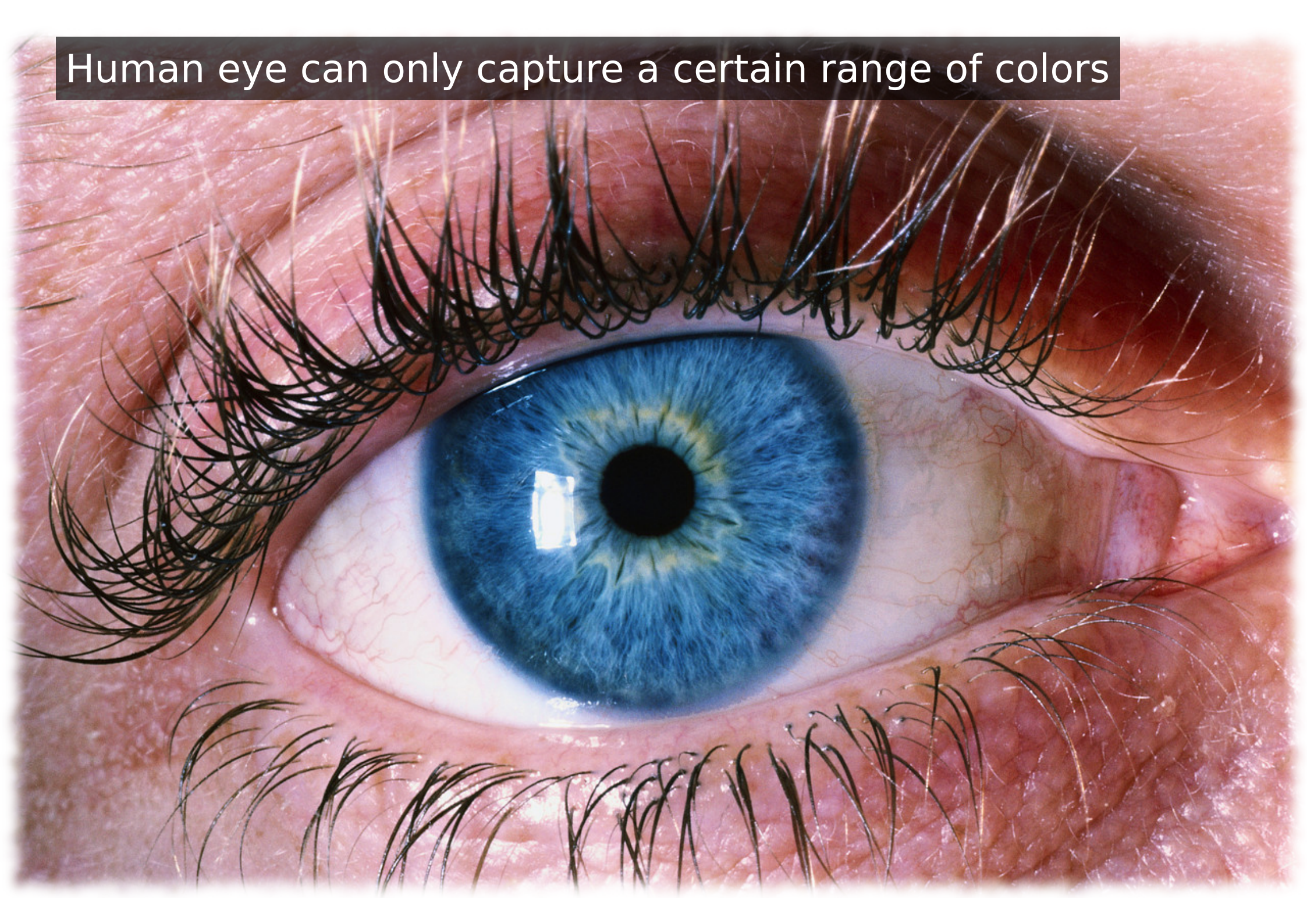
An introduction to colord





Who am I?

Human eye can only capture a certain range of colors



Shop All Departments

Search Clothing

GO

Basket

Wish List

Clothing

Women

Men

Kids

Jeans Store

Lingerie Store

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Red Hat Super Cool Teeshirt



★★★★★ (1 customer review) Like (0)

RRP: ~~£11.99~~

Price: **£6.24** & this item **Delivered FREE in the UK** with Super Saver Delivery.

You Save: **£5.75 (47%)**

To buy, select Size
(Choose from options to the left)

Quantity: 1

Add to Basket

or

[Sign in](#) to turn on 1-Click ordering.

Add to Wish List

Roll over image to zoom in

What I wanted...

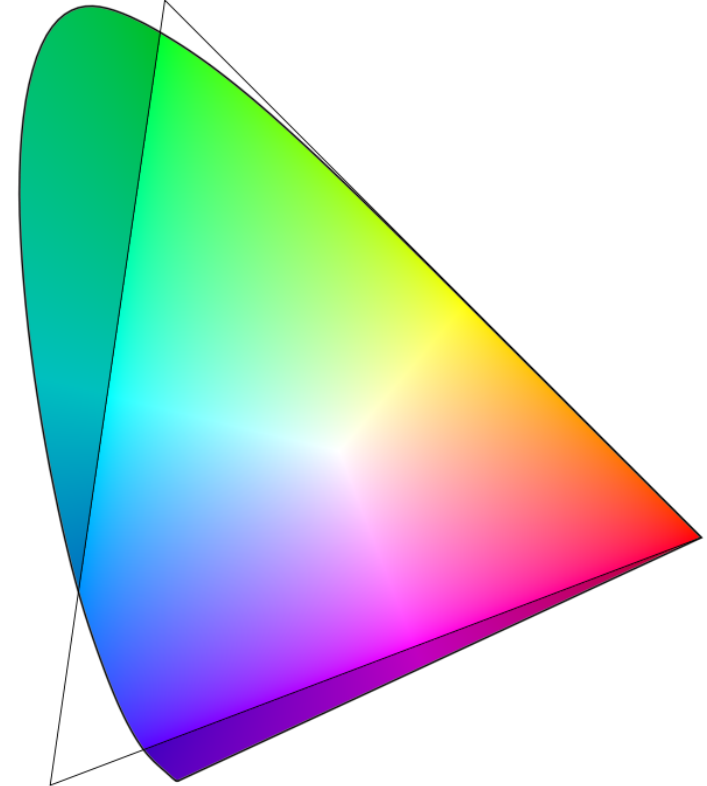
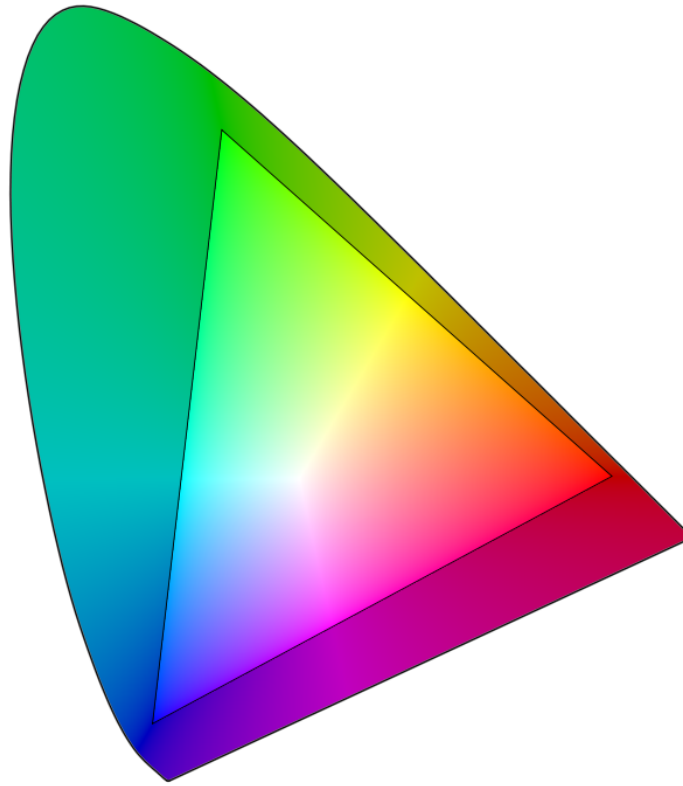
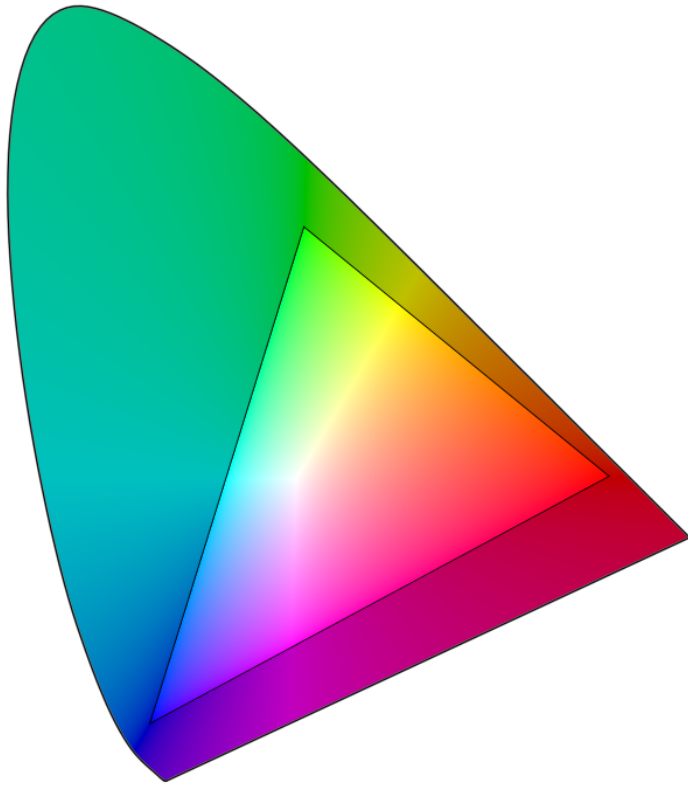








sRGB : AdobeRGB : ProPhotoRGB





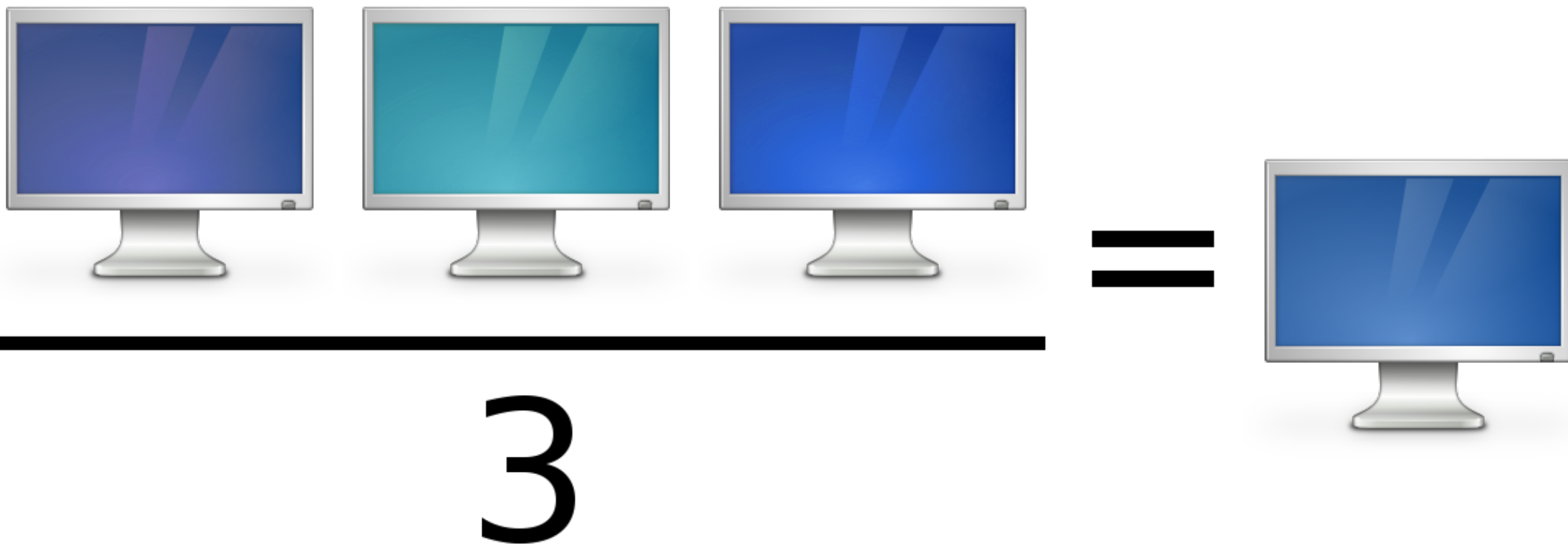
Nikon D60



Thinkpad T61



HP Inkjet



End to end color managed workflow



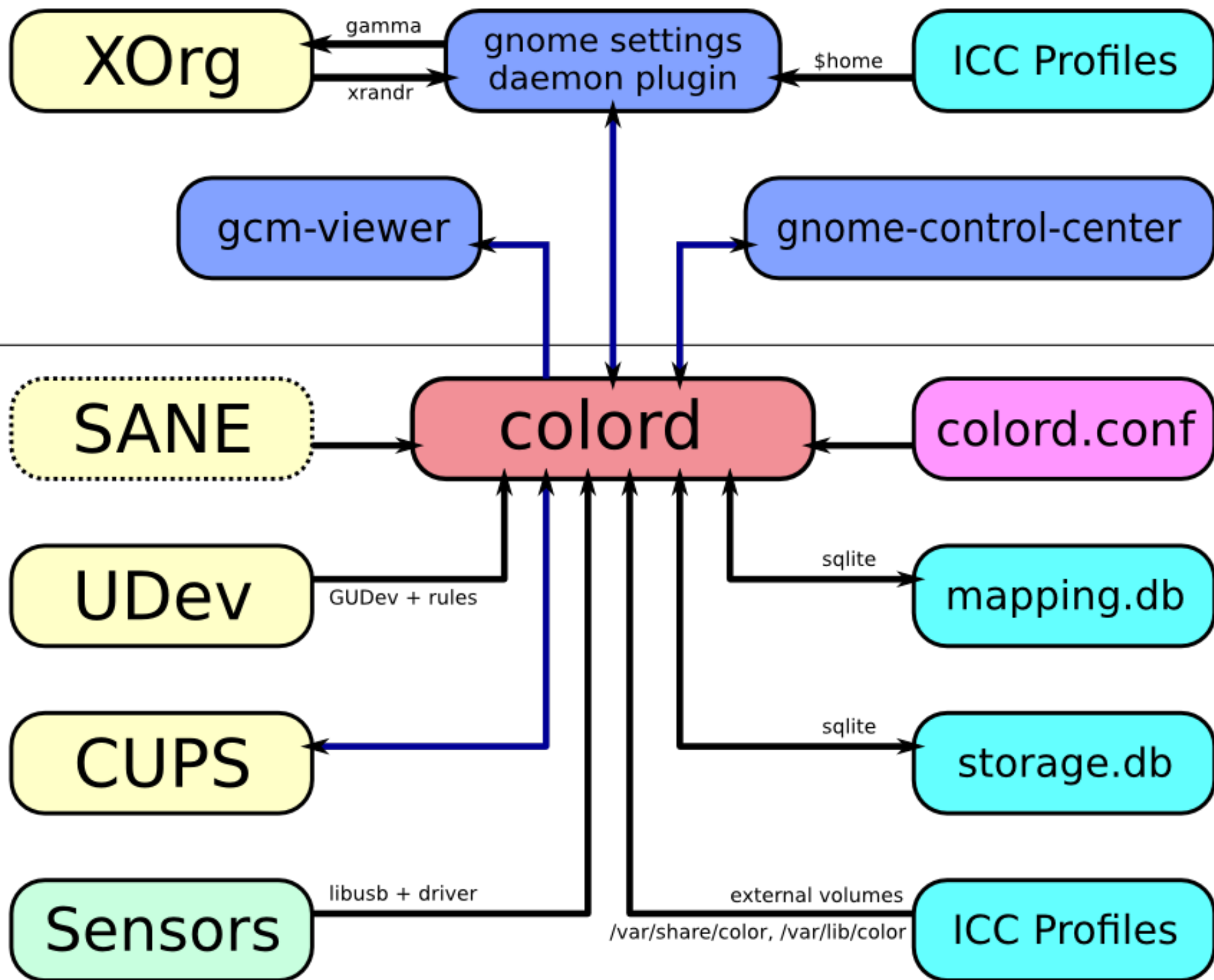
ColorSync

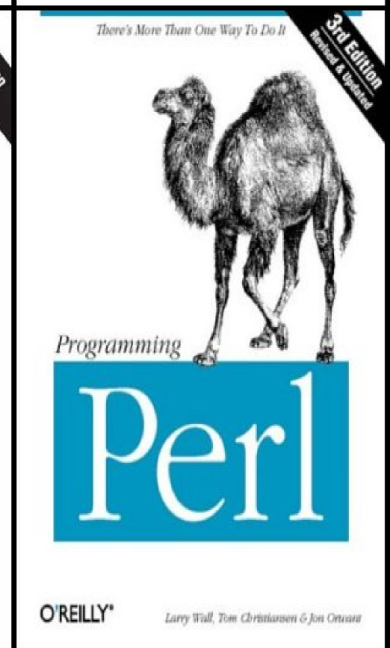
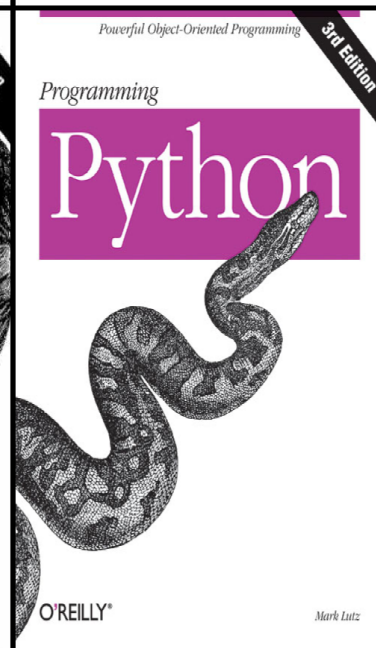
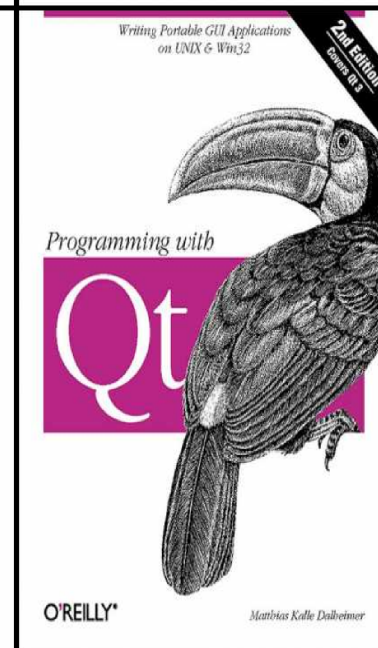
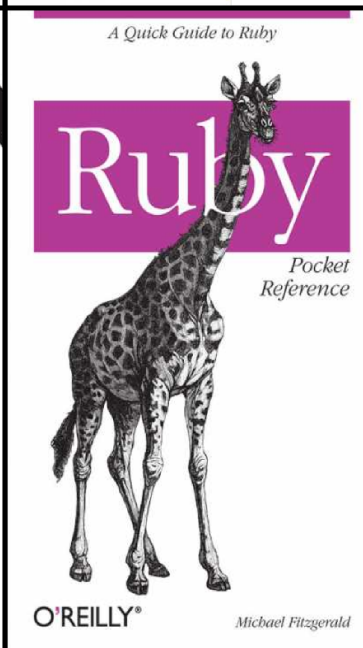
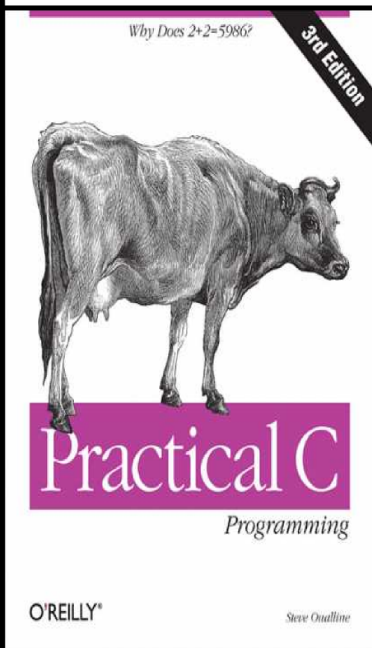
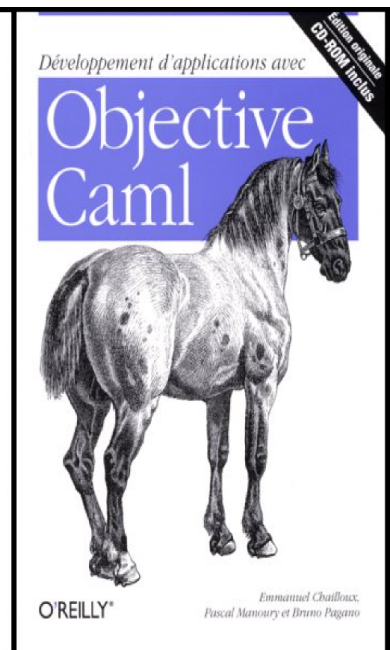
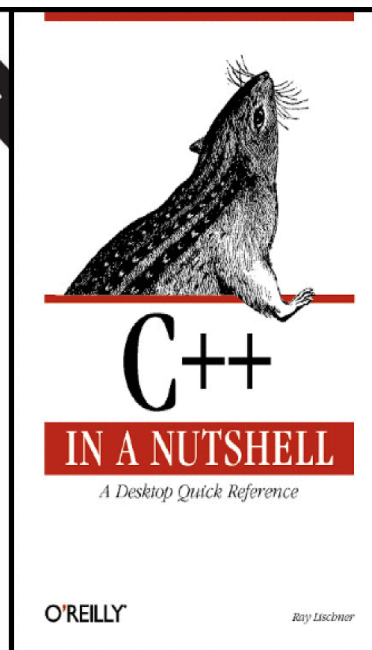
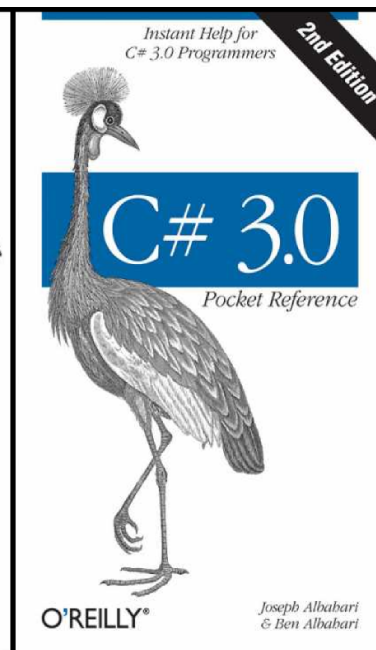
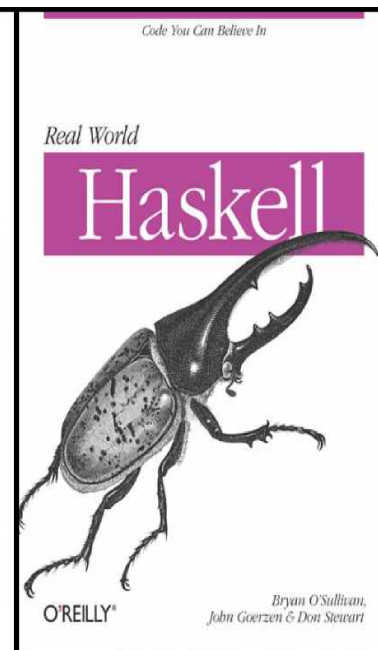
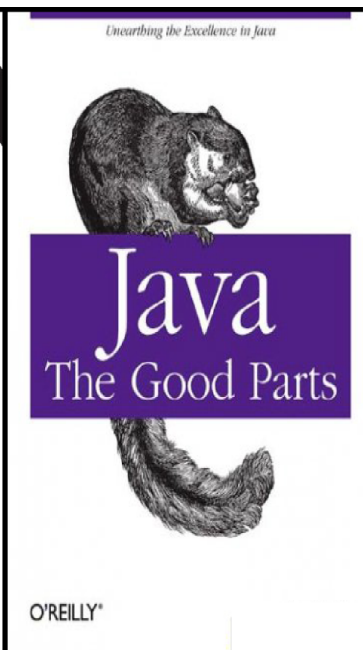
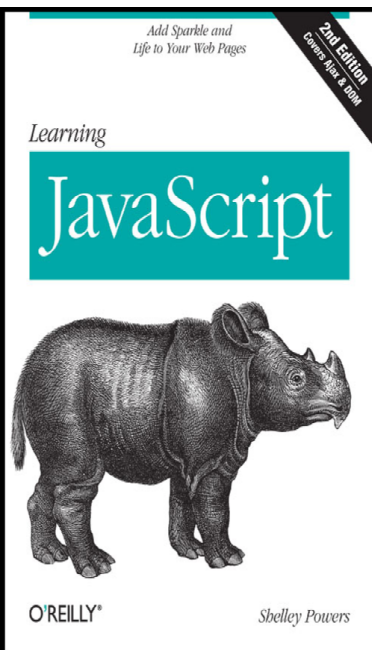
WCS








Windows® 7

session
system





- ▶  /org/freedesktop/ColorManager/devices/sysfs_Chicony_Electronics_Co___Ltd__Integrated_Camera
- ▶  /org/freedesktop/ColorManager/devices/xrandr_Hewlett_Packard_HP_LP2480zx_3CM82200KV
- ▶  /org/freedesktop/ColorManager/devices/xrandr_Lenovo_Group_Limited
- ▶  /org/freedesktop/ColorManager/profiles/icc_058da0ce5ebed5eca9afc61e4f7010da
- ▶  /org/freedesktop/ColorManager/profiles/icc_06cc317a4f7e7a24ac40412c18632dfe

An interface on the bus instance

▼ Properties

```
Array of [Object Path] Profiles = dbus.Array([dbus.ObjectPath('/org/freedesktop/ColorManager/profiles/icc_a99cee99
Dict of {String, String} Metadata = dbus.Dictionary({dbus.String(u'XRANDR_name'): dbus.String(u'HDMI2')},
String Colorspace = rgb
String DeviceId = xrandr-Hewlett Packard-HP LP2480zx-3 CM82200KV
String Kind = display
String Mode = physical
String Model = HP LP2480zx
String Serial = 3 CM82200KV
String Vendor = Hewlett Packard
UInt64 Created = 1304413854
UInt64 Modified = 1304413854
```

Which has properties...

▼ Methods

- AddProfile(`String` relation, `Object Path` object_path)
- GetProfileForQualifiers(`Array of [String]` qualifiers) → (`Object Path` object_path)
- GetProfileRelation(`Object Path` object_path) → (`String` relation)
- MakeProfileDefault(`String` profile_id)
- ProfilingInhibit()
- ProfilingUninhibit()
- RemoveProfile(`Object Path` object_path)
- SetProperty(`String` property_name, `String` property_value)








... and methods



Color

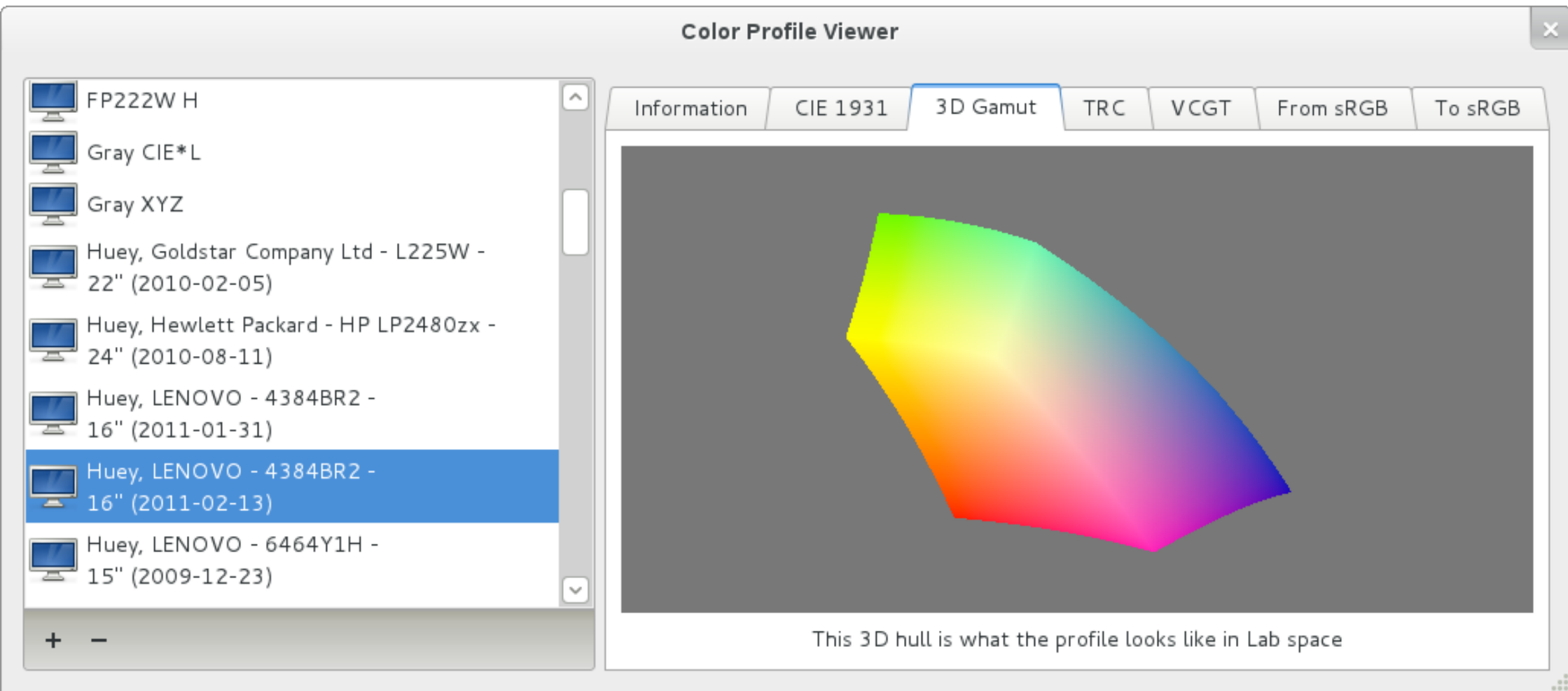
All Settings

Each device needs an up to date color profile to be color managed.

Device	Calibration
 Lenovo - 4384BR2	5 months
 <input type="radio"/> Default, 4384BR2	<i>Not specified</i>
 <input checked="" type="radio"/> Huey, LENOVO - 4384BR2 - 16"	5 months
 Hewlett Packard - HP LP2480zx	 11 months
 Hewlett Packard - Photosmart B109a-m	<i>Uncalibrated</i>
 Chicony Electronics - Webcam	<i>Uncalibrated</i>

Add profile Calibrate...

(mainly for people who care...)



(mainly for color geeks...)



Introduction

Calibration Quality

Choose Display Whitepoint

Profile Title

Action

Summary

Choose calibration quality

Higher quality calibration requires many color samples and more time.

- ☒ Accurate (about 20 minutes)
- ☐ Normal (about 10 minutes)
- ☐ Quick (about 4 minutes)

Cancel

Go Back

Continue





Introduction

Calibration Quality

Choose Display Whitepoint

Profile Title

Action

Summary

Choose your display target white point

Most displays should be calibrated to a CIE D65 illuminant for general usage.

- ☐ CIE D50 (Printing and publishing)
- ☐ CIE D55
- ☒ CIE D65 (Photography and graphics)
- ☐ CIE D75
- ☐ Native (Already set manually)

Cancel

Go Back

Continue





Please configure instrument

Please set the measuring instrument to calibration mode like the image below.



 **Details**

Help

Cancel

Continue



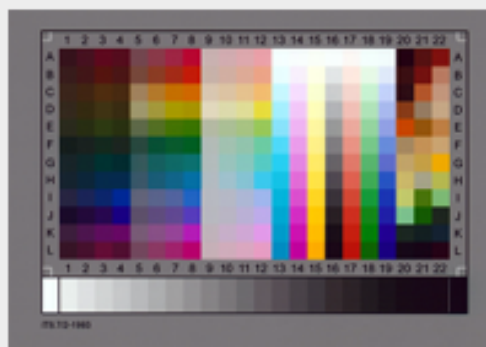
Please select a calibration target

Before profiling the device, you have to manually capture an image of a calibration target and save it as a TIFF image file.

Ensure that the white-balance has not been modified by the camera and that the lens is clean.

For best results, the reference target should also be less than two years old.

Please select the calibration target type which corresponds to your reference file.



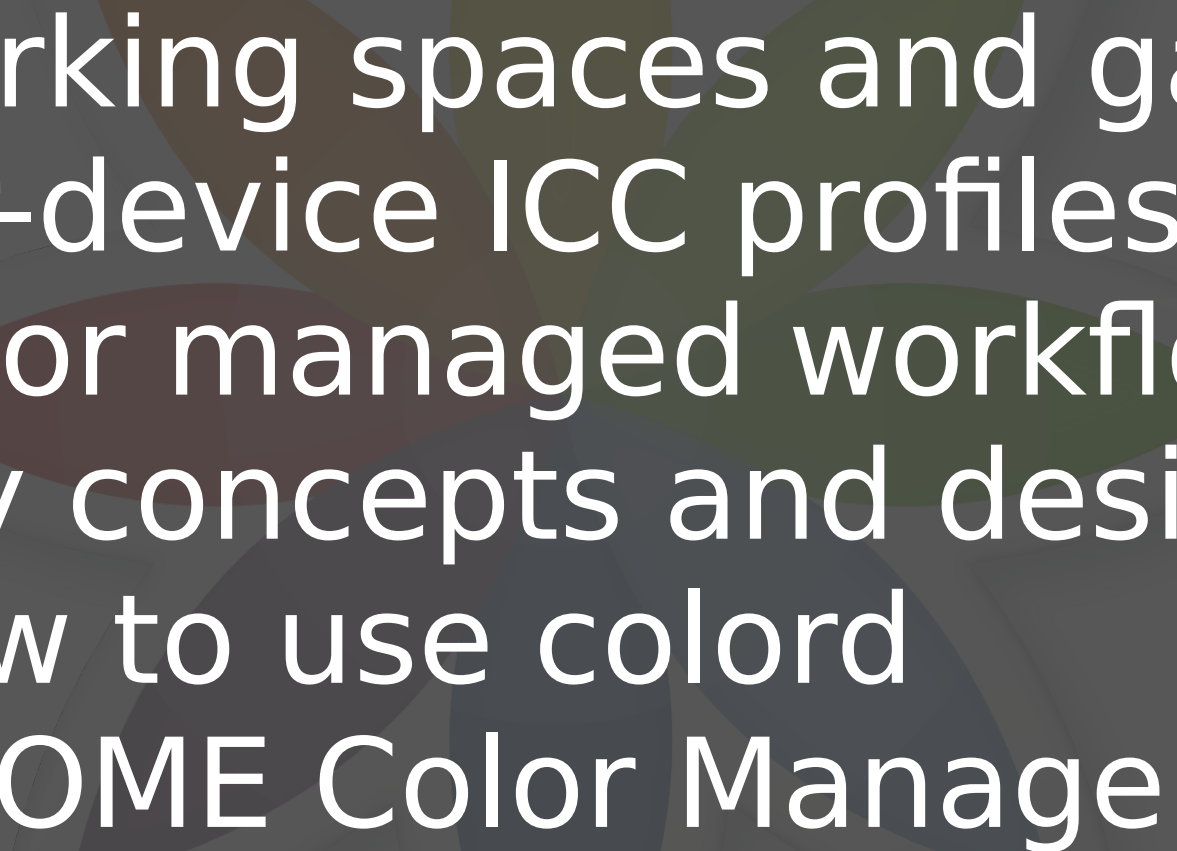
IT8.7/2



Help

Cancel

OK

- 
- Working spaces and gamut
 - Per-device ICC profiles
 - Color managed workflow
 - Key concepts and design
 - How to use color
 - GNOME Color Manager



I'm expecting questions!