

Notes 4/8/2013

WK 13

Printing & Color Management

profiles: camera + scanner
camera + printer
* paper - have profiles

adj for matte glass (ICC) modification to color
semi glass

Cost extra but worth it because color will match

Client: re: (target color set)
must be the same

(MAC) Monitors - high components
Good matches
↓ Utilities
OR Calibration x 3 years
→ ColorSync Utility PC's - unstable

Home printer - when you change cartridge
you must adjust color

Don't waste \$ on calibration tools

①

Printing

Spend \$ on good printer + ink

MAC - better for photographs

ColorSync Utility builtin to operating system

Profile

Paper: make sure manufacturer provides ICC profiles

Monitor: good calibrated

File Size

Photoshop

IMAGE

Pixel Dimensions

+

Document Size

Width + Height linked
modify one
modify the other

Resolution: pixel
IMAGES

Resample Image
TURN OFF

Print

240-360

Now Width, Height

1500

+ Resolution
linked

How tiny can

you make the dots

try dots
crisper image

if make -> then resolution can be larger (2)

Aspect Ratio
of width vs Height
does not match paper
sizes

360) type of Resolution #
for printer

11 x 14
8 x 10
5 x 7
3.5 x 5

[Analog]

[Digital]
8 1/2 x 11
13 x 19
17 x 22
20 x 24

[Cropped]
A image
size

Change aspect ratio
even if Resolution > 360
It's OK because
printer stops at 360

A width to 11
Height 7.333

✓ Handout

(Golden Rule)

* Resample off for
printing

leave edge
if making
photo
(11") borderless
(10.75)

Resample on

All pixel
5m from phone

Bicubic
go up or go down

get to Resolution (180-240)
Sharpen & crisp

(SHARPENING)

on duplicate layer do after scaling
image
or changing size

Filter

↓ Sharpen

→ Smart Sharpen
Unsharp Mask

Radius ↑ - expands

Facial

Unsharp Mask

bring out
edges
only

Amount (intensity)
Radius (contrasting edges) (low eyes
brows
how extreme) (as possible)

Key

Watch for Halo's
& noise
adjust

① Sharpen

② Image size *

③ print

④

* may need to
resharpen
image

File

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↓ Print...
Print one copy
(Preview)

Camera Raw

cannot work
↳ PSD

if you can open in camera raw

detail

Ⓡ click
open

Sharpening

Amount - intensity

Radius - keep low

detail - balance against masking
maintains skin texture

masking - smooths non edges

* need to zoom 200-400%

Luminance - sharpens grayscale

Noise reduction

Luminance detail / ^{edges} ~~texture~~

" contrast - edges

Color

Color detail