

Yardley Photographic Society

Affinity: A step Further



AFFINITY
PHOTO

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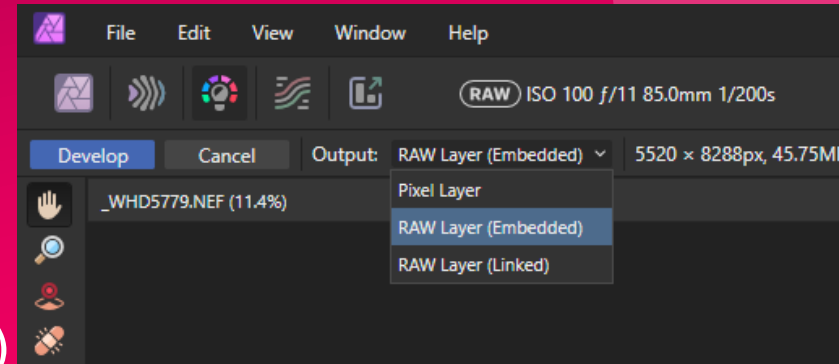
Agenda

- V2 – what's new
- Colour Management
- Resizing for DPI
- Blend Modes
- Masking
- Black & White Adjustment Layers
- Sharpening
 - Unsharp Mask
 - High Pass
- Export
 - Create Preset

What's New in Affinity Photo V2

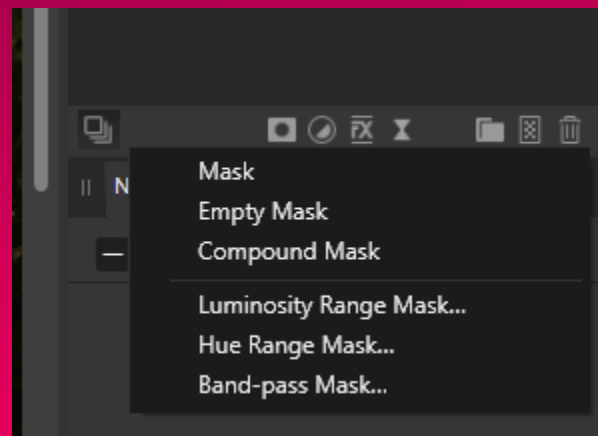
Changes between V1 and V2

- First and perhaps the most significant –
 - Non Destructive RAW Processing
- Allows RAW development as previously but now the image can be either linked to or embedded in the workflow
 - Allows for the original RAW image to be re-developed at any stage.
 - All RAW adjustments can be changed.
- Embedded layer or Linked layer
 - Both have the same end result
 - Linking has a smaller .affphoto file size)
- Third option Output as Pixel layer – same as V1



Changes between V1 and V2

- Masking – some very useful improvements here
 - When clicking on the mask layer icon there are now 6 new options
 - We will look at each in more detail in a separate slide pack
- This gives much more control of how masks are created and used and speeds up the masking process
- Again another worthwhile improvement



Changes between V1 and V2

- More export options especially with Slicing
- Improvement to Brushes and how they are used – now a dedicated Masking brush
- Revamped Layers panel with additional functionality and usability improvements
- Many smaller improvements.
- **COST**
 - Cost has increased to £60 but still a one off payment
 - Currently 40% discount available reducing the cost to £36
 - **NO SUBSCRIPTION**

Should I buy Affinity Photo V2

- If buying for first time, then no option as the original V1 is no longer available.
- If an Affinity Photo V1 user and working with RAW files, Masks and Layers then the improvements definitely make it a worthwhile upgrade.
- Ideally buy soon whilst discount is available – until 25th January

DOWNSIDERS

- Main downside is that whilst Affinity Photo V2 can open V1 files, V1 cannot open V2 files, so if you make the decision to upgrade then best option is to uninstall V1. There is no benefit in keeping the earlier version.
- The only other issue I have found is that V2 is now distributed as an APP rather than a program (as V1 was). This makes launching from other programs a lot more complex, but you can still drag and drop from another program into Affinity Photo V2
- More expensive.

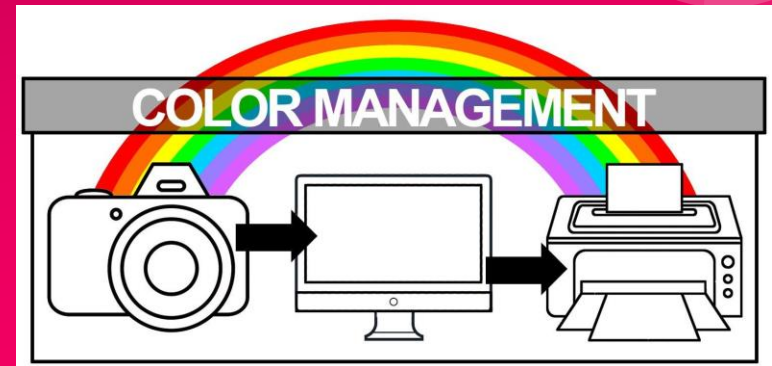
The background is a solid pink color with several overlapping circles of varying sizes and shades of pink scattered across it. The circles are semi-transparent, creating a layered effect. The text 'Colour Management' is centered in the upper half of the image.

Colour Management

Colour Management

What is colour management?

- Managing colours across camera, monitors, printers and projectors
- To create consistent colours
- As they were originally seen
- Or as intended by processing



Colour Profiles

• sRGB

- Correctly displays on web
- Smaller colour space
- Does not convert well into Adobe RGB

Adobe RGB

Doesn't display properly on web

Colours look less bright

Wider colour space

Most monitors cannot display Adobe RGB correctly

Converts readily to sRGB

If working in RAW in camera then it does not matter whether sRGB or Adobe RGB is used as this is only applied when converting to JPEG, and when shown on rear screen

Colour Management

Camera

Use sRGB for
more accurate
display on rear
screen

Processing

Convert raw
image to Adobe
RGB

Web / Projecting

Convert to sRGB

Printing

Convert to Printer /
paper profile

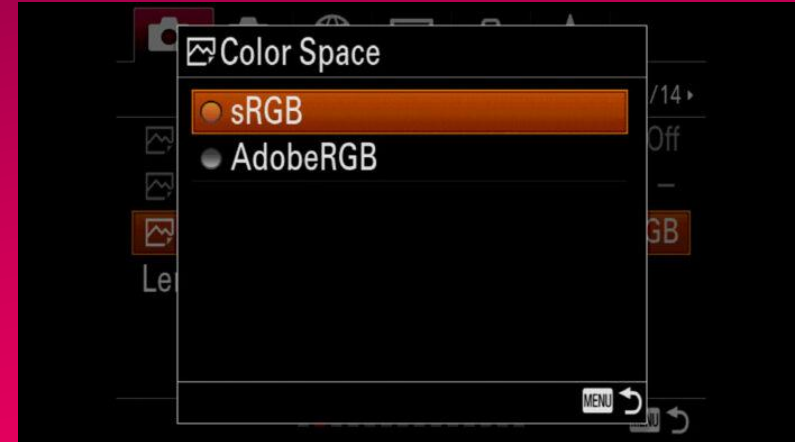
How to Set Colour Space



Nikon Menu



Canon Menu



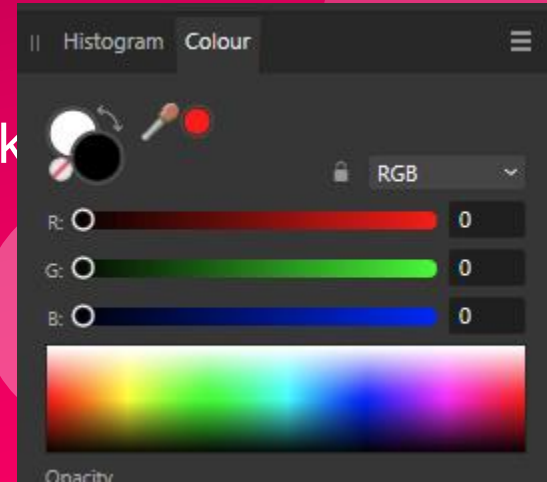
Sony Menu

The background features a vertical gradient from dark pink at the top to bright pink at the bottom. Several semi-transparent circles of various sizes are scattered across the page, some overlapping each other.

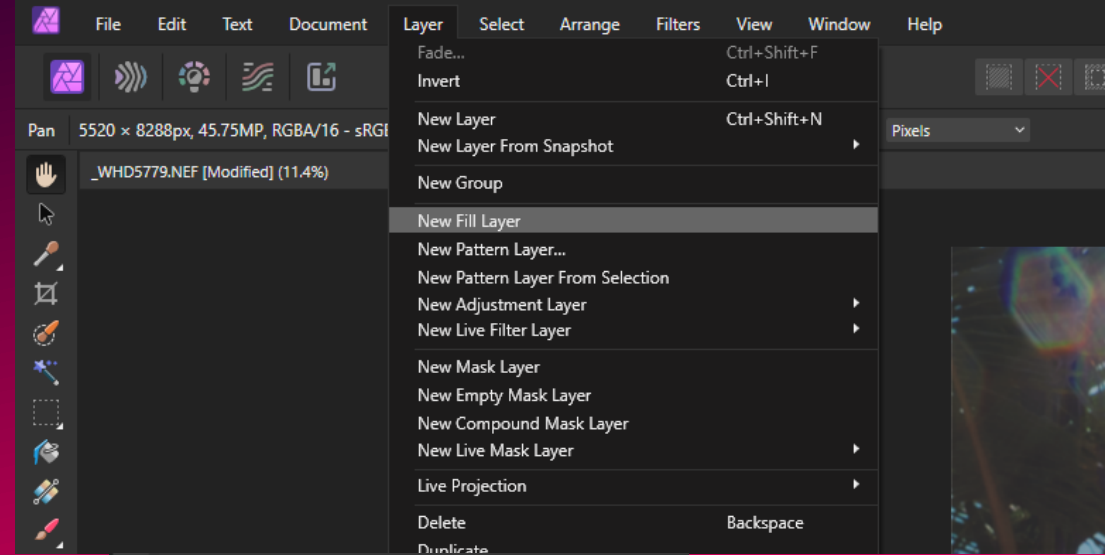
Resizing for DPI

Step 1: Create a new black fill layer

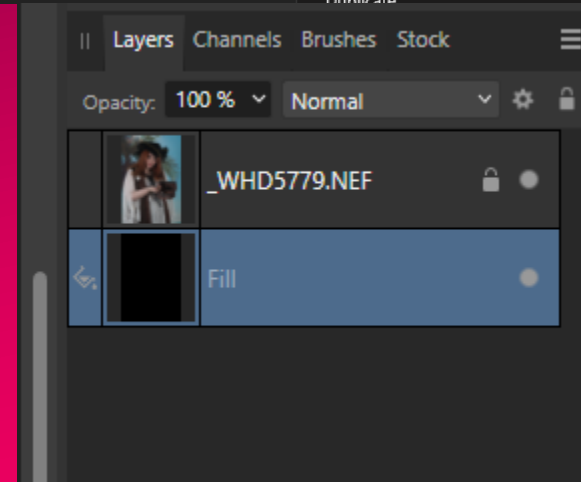
- Complete work on image (but do not size – yet)
- Set active layer colour to black
 - Keyboard shortcut – x (to swap foreground and background)
 - Set foreground colour to black
 - Ensure it is on top




**Create new black
fill layer**

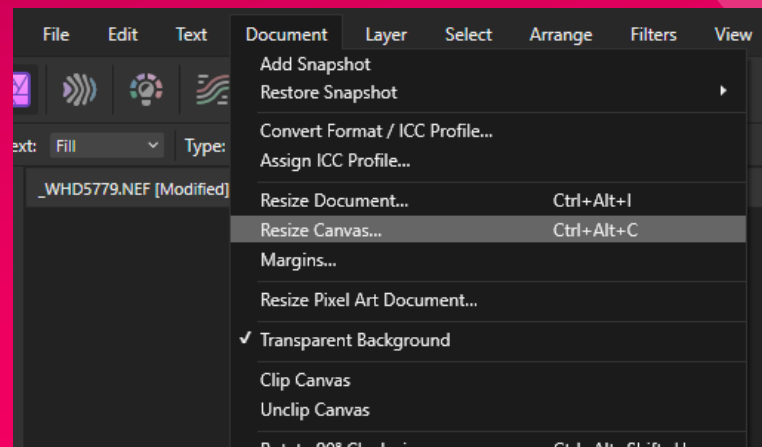


**Drag black fill layer
to bottom of layer
stack**



Step 2: Change size of black fill layer

- a) image is in portrait (tall) format 
- Final image size is 1600 x 1200 pixels (4x3 format)
- We are going to increase the width of the black fill layer (the height stays the same)
- Document / Resize Canvas



- Click icon between height and width to unlink (changes in one will not change the other)
- Click centre square in grid to anchor canvas changes
- Open windows calculator (or use phone)
- Original image size = 5520 x 8288 pixels
- Divide height by 3, multiply by 4
- e.g. $8288 / 3 \times 4 = 11050$
- Enter 11050 in left hand box (right hand stays the same)
 - Image size will be 11050 x 8288

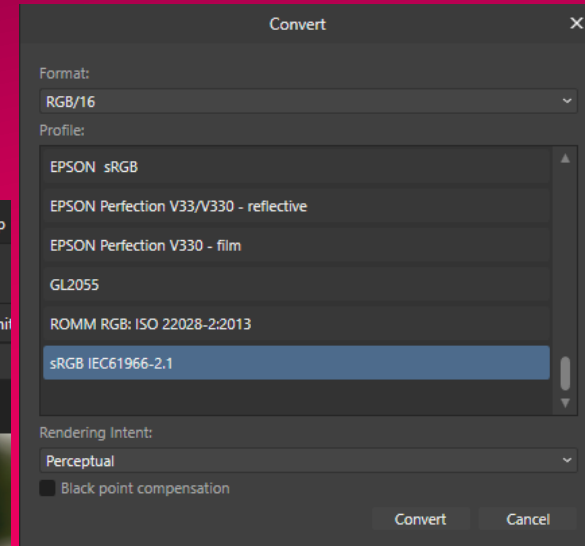
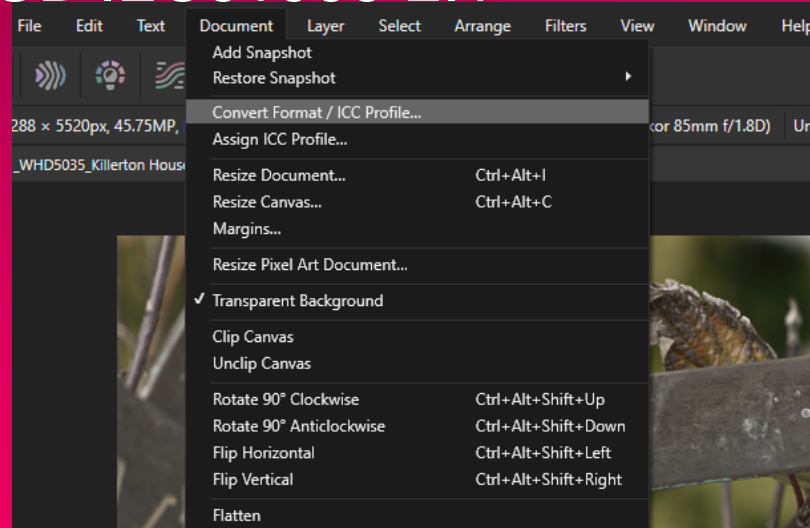


- b) Image is in landscape format
- Complete Step 1 as described above
- Final size is still 1600 x 1200 pixels
- Document / Resize Canvas
- But this time we are going to keep the width the same and change the height
- Click icon between height and width to unlink
- Click centre square in grid to anchor canvas changes
- Original image size = 8288 x 5520 pixels
- This time divide height by 4, multiply by 3



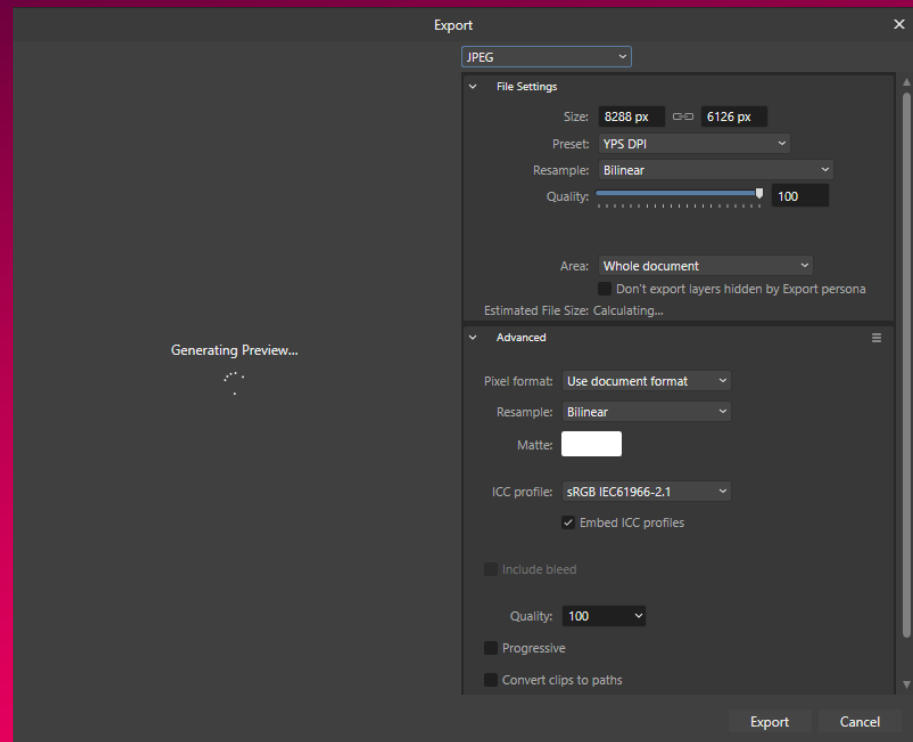
Step 3: Change colour profile

- Convert to correct ICC profile for DPI display
- Click Document / Convert Format / ICC Profile
- Scroll down to sRGB IEC61966-2.1 (last in the list)
- Click Convert



Step 4: Export as 1600 x 1200

- Click File / Export
- Change drop down box at the top to jpeg (affinity V2 only)
- Change size to 1600 x 1200
- Check ICC profile, if not sRGB, then go back to step 3
- Click export
- Select image type as jpeg (Affinity V1 only)
- Chose location and file name.





Blend Modes

Most Common Blend Modes

- Normal (default blend mode)
 - Top pixels display over underlying pixels according to the level of top layer opacity.
- Multiply
 - Produces a darker value.
- Screen
 - The opposite of Multiply, produces a lighter value.
- Overlay
 - Applies either Multiply or Screen blend mode, depending on the bottom color at each pixel position. If the bottom layer pixels are <50% gray, it multiplies; if >50% it screens.
- Luminosity
 - Does not affect color information in the image; use with B&W adjustment layer and with Unsharp Mask to remove halo effects

Masking

The background features a gradient from dark purple on the left to bright pink on the right. Several semi-transparent circles in various shades of purple and pink are scattered across the frame, some overlapping each other.