

Converting Colors

$Y_{xy}(25.8866, 0.4963, 0.2930)$

Have a look what the booklet for
Yxy(25.8866, 0.4963, 0.2930)
contains.

Yxy(25.8866, 0.4963, 0.2930)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.8866, 0.4963, 0.2930)

Conversions

Conversions Part 1

Format	Color
Hex	F74A72
RGB	247, 74, 114
RGB Percent	97%, 29%, 45%
CMY	0.0313, 0.7098, 0.5528
CMYK	0.00, 0.70, 0.54, 0.03
HSL	346°, 92%, 63%
HSV	346°, 70%, 97%
XYZ	43.8482, 25.8866, 18.6154
YIQ	130.2870, 90.2680, 49.1160

Conversions

Conversions Part 2

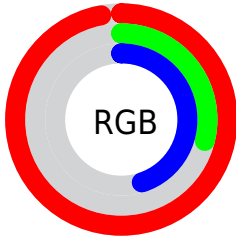
Format	Color
R_{YB}	247, 74, 114
Decimal	16206450
CIE _{Lab}	57.93, 67.68, 16.46
CIE _{LCh}	58, 69.657, 13.670
Yxy	25.8866, 0.4963, 0.2930
Android (android.graphics.Color)	4294396530 (0xFFFF74A72)
YUV	130.2870, -8.0295, 102.3573
Hunter-Lab	50.8789, 64.7960, 13.9224

Details

The Yxy color **25.8866, 0.4963, 0.2930** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **72.4867, 0.2487, 0.3808**, and the grayscale version is **22.4351, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.7882, 0.4087, 0.2950**, and **10.5956, 0.5521, 0.2815** is the 20% darker color. If you saturate the color by 10%, you get **22.8241, 0.5366, 0.2948**, and if you desaturate by 10%, it is **30.3354, 0.4569, 0.2947**.

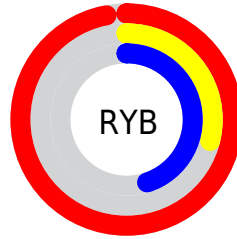
Distribution



Red (97%)

Green (29%)

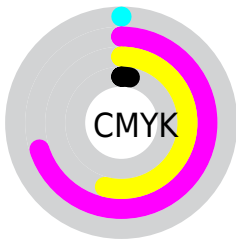
Blue (45%)



Red (97%)

Yellow (29%)

Blue (45%)

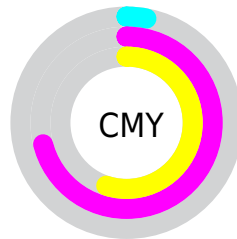


Cyan (0%)

Magenta (70%)

Yellow (54%)

Black (3%)



Cyan (3%)

Magenta (71%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.8866, 0.4963, 0.2930 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 25.8866, 0.4963, 0.2930 by changing the saturation by 10% instead.


 25.8866, 0.4963,
0.2930


 25.8866, 0.4963,
0.2930


282.2250, 0.3958,
0.3165

 16.7388, 0.5238,
0.2851


 53.0919, 0.4579,
0.3030


 10.0485, 0.5601,
0.2738


 71.9183, 0.4440,
0.3063


 5.4311, 0.6097,
0.2564

 94.7397, 0.4325,
0.3089

 2.5024, 0.6794,
0.2284

 121.9404, 0.4228,
0.3110

 0.8778, 0.8120,
0.1880

 153.9049, 0.4145,
0.3127

 0.0000, 1.0000,
0.0000

191.0175, 0.4074,

 0.0000, 0.0000,

0.3142

0.0000

233.6628, 0.4012,
0.3154

■ 25.8866, 0.4963,
0.2930

■ 25.8866, 0.4963,
0.2930

■ 22.8241, 0.5366,
0.2948

■ 30.3354, 0.4569,
0.2947

■ 20.9766, 0.5734,
0.3006

■ 36.3067, 0.4211,
0.2989


■ 20.0731, 0.6027,
0.3094


■ 43.9251, 0.3903,
0.3045

■ 53.3011, 0.3647,
0.3107

■ 64.5354, 0.3436,
0.3171

 77.7214, 0.3266,
0.3232

 92.9460, 0.3128,
0.3290

 98.5160, 0.3078,
0.3290

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



25.8866, 0.3864, 0.2296



25.8866, 0.4963, 0.2930



25.8866, 0.5390, 0.3651

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



25.8866, 0.4963, 0.2930



25.8866, 0.3192, 0.5487



25.8866, 0.1392, 0.1772

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



25.8866, 0.4963, 0.2930



72.4867, 0.2487, 0.3808

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



25.8866, 0.1285, 0.2266



25.8866, 0.4963, 0.2930



25.8866, 0.2203, 0.4697

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



25.8866, 0.4963, 0.2930



25.8866, 0.4216, 0.5200



25.8866, 0.1532, 0.3298



25.8866, 0.1839, 0.1663

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



25.8866, 0.4963, 0.2930



25.8866, 0.5229, 0.4168



25.8866, 0.1532, 0.3298



25.8866, 0.1321, 0.1887

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



25.8881, 0.4963, 0.2930



68.0905, 0.3455, 0.3164



24.8259, 0.2802, 0.1550



13.8273, 0.3510, 0.3147



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.8881, 0.4963, 0.2930



23.5767, 0.5523, 0.2967



33.7344, 0.5113, 0.3723



16.5453, 0.3257, 0.3235



10.6329, 0.5988, 0.3072



0.9497, 0.5643, 0.2882

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



25.8881, 0.4963, 0.2930



23.5767, 0.5523, 0.2967



49.8851, 0.2178, 0.2684



16.5453, 0.3257, 0.3235



10.6329, 0.5988, 0.3072



0.9497, 0.5643, 0.2882

Previews

White Background



This preview shows how the Yxy color 25.8866, 0.4963, 0.2930 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 25.8866, 0.4963, 0.2930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

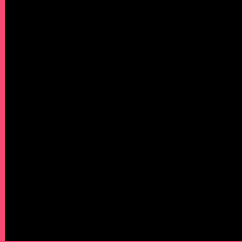
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.8866, 0.4963, 0.2930

Background



This preview shows how black text looks on a background with the Yxy color 25.8866, 0.4963, 0.2930.



This preview shows how white text looks on a background with the Yxy color 25.8866, 0.4963, 0.2930.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

25.8866, 0.4963, 0.2930

Protanopia

26.1473, 0.3058, 0.3159

Deuteranopia

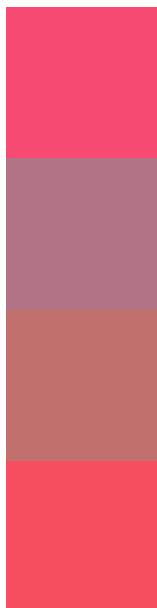
25.9833, 0.3794, 0.3729



Tritanopia

25.7899, 0.5328, 0.3262

Trichromacy



Original Color

25.8866, 0.4963, 0.2930

Protanomaly

23.5944, 0.3700, 0.3001

Deuteranomaly

24.1618, 0.4250, 0.3334

Tritanomaly

25.8678, 0.5205, 0.3146

Monochromacy



Original Color

25.8866, 0.4963, 0.2930

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

21.4913, 0.3791, 0.3081

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8866, 0.4963, 0.2930 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(247, 74, 114)` looks like.

```
.text, #text, p{  
    color:rgb(247, 74, 114)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(247, 74, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 74, 114) }
```

Border

The CSS property to change the border of an element to Yxy 25.8866, 0.4963, 0.2930 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 74, 114) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(247, 74, 114) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(247, 74, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 74, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 74, 114);  
box-shadow:4px 4px 4px 4px rgb(247, 74,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8866, 0.4963, 0.2930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 74, 114) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(247, 74,  
114) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor