

Converting Colors

Yxy(38.1642, 0.4165, 0.3090)

Have a look what the booklet for
Yxy(38.1642, 0.4165, 0.3090)
contains.

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Color

Yxy(38.1494, 0.4167, 0.3087)

Conversions

Conversions Part 1

Format	Color
Hex	F58497
RGB	245, 132, 151
RGB Percent	96%, 52%, 59%
CMY	0.0392, 0.4823, 0.4078
CMYK	0.00, 0.46, 0.38, 0.04
HSL	350°, 85%, 74%
HSV	350°, 46%, 96%
XYZ	51.4961, 38.1494, 33.9353
YIQ	167.9530, 61.2490, 29.8650

Conversions

Conversions Part 2

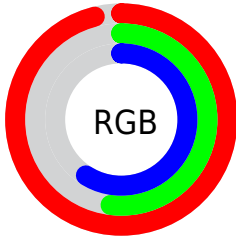
Format	Color
R _Y B	245, 132, 151
Decimal	16090263
CIE Lab	68.13, 44.98, 9.45
CIE LCh	68, 45.964, 11.867
Yxy	38.1494, 0.4167, 0.3087
Android (android.graphics.Color)	4294280343 (0xFFFF58497)
YUV	167.9530, -8.3578, 67.5702
Hunter-Lab	61.7652, 40.7335, 10.6603

Details

The Yxy color **38.1494, 0.4167, 0.3087** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **75.7044, 0.2597, 0.3518**, and the grayscale version is **39.1544, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.2084, 0.3553, 0.3105**, and **16.9512, 0.4503, 0.3011** is the 20% darker color. If you saturate the color by 10%, you get **31.6626, 0.4537, 0.3054**, and if you desaturate by 10%, it is **46.3146, 0.3853, 0.3129**.

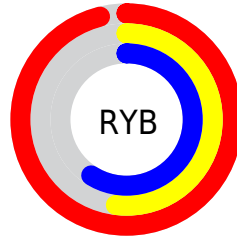
Distribution



Red (96%)

Green (52%)

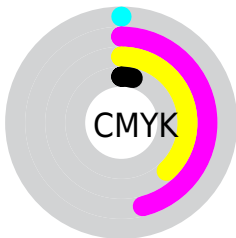
Blue (59%)



Red (96%)

Yellow (52%)

Blue (59%)

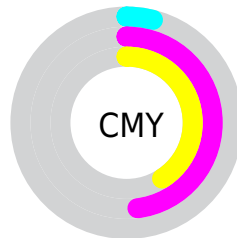


Cyan (0%)

Magenta (46%)

Yellow (38%)

Black (4%)



Cyan (4%)


Magenta (48%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.1494, 0.4167, 0.3087 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 38.1494, 0.4167, 0.3087 by changing the saturation by 10% instead.

 38.1494, 0.4167,
0.3087


 38.1494, 0.4167,
0.3087


338.2604, 0.3626,
0.3204


 26.0987, 0.4308,
0.3053


 72.3371, 0.3966,
0.3133

 16.8975, 0.4491,
0.3006

 95.2428, 0.3892,
0.3150

 10.1614, 0.4739,
0.2938


 122.5356, 0.3830,
0.3163

 5.5061, 0.5093,
0.2834

154.6000, 0.3777,
0.3174

 2.5472, 0.5628,
0.2660

191.8203, 0.3731,
0.3183

 0.9002, 0.6735,
0.2411

234.5808, 0.3692,

 0.0000, 1.0000,

0.3191

0.0000

283.2661, 0.3657,
0.3198

0.0000, 0.0000,
0.0000

38.1494, 0.4167,
0.3087

38.1494, 0.4167,
0.3087

31.6626, 0.4537,
0.3054

46.3146, 0.3853,
0.3129

26.7316, 0.4952,
0.3038

56.2579, 0.3594,
0.3175

23.2265, 0.5383,
0.3047

68.0782, 0.3384,
0.3221

20.9936, 0.5782,
0.3087

81.8653, 0.3214,
0.3265

19.8426, 0.6093,
0.3155

97.7033, 0.3078,
0.3305

■ 19.5753, 0.6186,
0.3181

■ 98.1536, 0.3066,
0.3290

Harmonies

Analogous

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



38.1494, 0.3536, 0.2645



38.1494, 0.4167, 0.3087



38.1494, 0.4482, 0.3598

Triad

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



38.1494, 0.4167, 0.3087



38.1494, 0.3292, 0.4515



38.1494, 0.1986, 0.2358

Complementary

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



38.1494, 0.4167, 0.3087



75.7044, 0.2597, 0.3518

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.



38.1494, 0.1938, 0.2746



38.1494, 0.4167, 0.3087



38.1494, 0.2646, 0.4091

Square

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



38.1494, 0.4167, 0.3087



38.1494, 0.3928, 0.4473



38.1494, 0.2162, 0.3384



38.1494, 0.2294, 0.2235

Rectangle

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



38.1494, 0.4167, 0.3087



38.1494, 0.4456, 0.3939



38.1494, 0.2162, 0.3384



38.1494, 0.1941, 0.2457

Sweetspot

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



38.1513, 0.4167, 0.3087



77.5328, 0.3345, 0.3230



38.9891, 0.2995, 0.2101



15.9369, 0.3385, 0.3221



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.



38.1513, 0.4167, 0.3087



35.3098, 0.4497, 0.3057



49.0058, 0.4190, 0.3681



16.5280, 0.3267, 0.3250



10.5586, 0.6154, 0.3164



0.9408, 0.5839, 0.2990

Inverse Universe

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



38.1513, 0.4167, 0.3087



35.3098, 0.4497, 0.3057



57.2080, 0.2431, 0.2847



16.5280, 0.3267, 0.3250



10.5586, 0.6154, 0.3164



0.9408, 0.5839, 0.2990

Previews

White Background



This preview shows how the Yxy color 38.1494, 0.4167, 0.3087 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 38.1494, 0.4167, 0.3087 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 ✓ Pass

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

Yxy 38.1494, 0.4167, 0.3087

Background



This preview shows how black text looks on a background with the Yxy color 38.1494, 0.4167, 0.3087.



This preview shows how white text looks on a background with the Yxy color 38.1494, 0.4167, 0.3087.

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

38.1494, 0.4167, 0.3087

Protanopia

38.5720, 0.3129, 0.3248

Deuteranopia

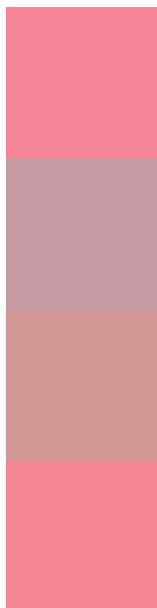
38.1641, 0.3556, 0.3480



Tritanopia

37.9913, 0.4246, 0.3185

Trichromacy



Original Color

38.1494, 0.4167, 0.3087

Protanomaly

37.5902, 0.3484, 0.3187

Deuteranomaly

37.6524, 0.3773, 0.3317

Tritanomaly

38.0835, 0.4211, 0.3152

Monochromacy



Original Color

38.1494, 0.4167, 0.3087

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

37.7871, 0.3472, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.1494, 0.4167, 0.3087 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(245, 132, 151)` looks like.

```
.text, #text, p{  
    color:rgb(245, 132, 151)  
}
```

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(245, 132, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 132, 151) }
```

Border

The CSS property to change the border of an element to Yxy 38.1494, 0.4167, 0.3087 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(245, 132, 151) }
```

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

```
.border{ border-color:rgb(245, 132, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 132, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 132, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 132, 151);  
box-shadow:4px 4px 4px 4px rgb(245, 132,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 38.1494, 0.4167, 0.3087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 132, 151) }
```

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

```
.background{ background-color: rgb(245,  
132, 151) }
```

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](#).

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