

Converting Colors

$Yxy(38.6242, 0.4104, 0.2865)$

Have a look what the booklet for
Yxy(38.6242, 0.4104, 0.2865)
contains.

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Color

Yxy(38.5281, 0.4094, 0.2858)

Conversions

Conversions Part 1

Format	Color
Hex	FE7DA7
RGB	254, 125, 167
RGB Percent	100%, 49%, 65%
CMY	0.0038, 0.5099, 0.3451
CMYK	0.00, 0.51, 0.34, 0.00
HSL	340°, 99%, 74%
HSV	340°, 51%, 100%
XYZ	55.1904, 38.5281, 41.0895
YIQ	168.3590, 63.4020, 40.4100

Conversions

Conversions Part 2

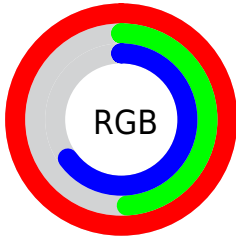
Format	Color
R_{YB}	254, 125, 167
Decimal	16678311
CIE Lab	68.41, 53.31, 1.00
CIE LCh	68, 53.318, 1.078
Yxy	38.5281, 0.4094, 0.2858
Android (android.graphics.Color)	4294868391 (0xFFFE7DA7)
YUV	168.3590, -0.6700, 75.1072
Hunter-Lab	62.0710, 50.0888, 4.2012

Details

The Yxy color **38.5281, 0.4094, 0.2858** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **80.0157, 0.2649, 0.3799**, and the grayscale version is **39.3229, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.5817, 0.3421, 0.2873**, and **17.0875, 0.4392, 0.2726** is the 20% darker color. If you saturate the color by 10%, you get **32.3088, 0.4404, 0.2796**, and if you desaturate by 10%, it is **46.4795, 0.3825, 0.2938**.

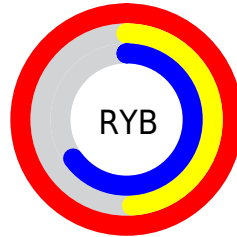
Distribution



Red (100%)

Green (49%)

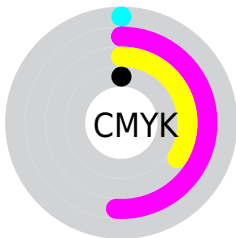
Blue (65%)



Red (100%)

Yellow (49%)

Blue (65%)

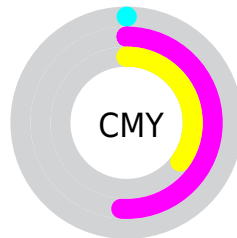


Cyan (0%)

Magenta (51%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (51%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.5281, 0.4094, 0.2858 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 38.5281, 0.4094, 0.2858 by changing the saturation by 10% instead.


 38.5281, 0.4094,
0.2858


 38.5281, 0.4094,
0.2858


339.8800, 0.3597,
0.3081

 26.3928, 0.4222,
0.2800


 72.9169, 0.3911,
0.2941

 17.1177, 0.4387,
0.2725


 95.9391, 0.3843,
0.2971

 10.3185, 0.4610,
0.2624


 123.3592, 0.3785,
0.2997

 5.6106, 0.4925,
0.2480

155.5614, 0.3737,
0.3019

 2.6098, 0.5400,
0.2261

192.9302, 0.3694,
0.3038

 0.9316, 0.6176,
0.1900

235.8500, 0.3658,


 0.0000, 1.0000,


0.3054


0.0000

284.7051, 0.3626,
0.3069


 0.0000, 0.0000,
0.0000

 38.5281, 0.4094,
0.2858

 38.5281, 0.4094,
0.2858


 32.3088, 0.4404,
0.2796


 46.4795, 0.3825,
0.2938


 27.6843, 0.4748,
0.2763

 56.2747, 0.3600,
0.3026

 24.5064, 0.5104,
0.2773

 68.0229, 0.3413,
0.3115

 22.5952, 0.5444,
0.2833

 81.8231, 0.3260,
0.3202

 21.6968, 0.5718,
0.2924

 97.7673, 0.3136,
0.3284

99.8166, 0.3121,
0.3290

Harmonies

Analogous

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



38.5281, 0.3296, 0.2415



38.5281, 0.4094, 0.2858



38.5281, 0.4616, 0.3406

Triad

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



38.5281, 0.4094, 0.2858



38.5281, 0.3570, 0.4756



38.5281, 0.1785, 0.2342

Complementary

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



38.5281, 0.4094, 0.2858



80.0157, 0.2649, 0.3799

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.



38.5281, 0.1834, 0.2885



38.5281, 0.4094, 0.2858



38.5281, 0.2816, 0.4472

Square

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



38.5281, 0.4094, 0.2858



38.5281, 0.4247, 0.4505



38.5281, 0.2187, 0.3700



38.5281, 0.2024, 0.2112

Rectangle

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



38.5281, 0.4094, 0.2858



38.5281, 0.4696, 0.3794



38.5281, 0.2187, 0.3700



38.5281, 0.1769, 0.2486

Sweetspot

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



38.5301, 0.4094, 0.2858



76.4255, 0.3321, 0.3166



35.6721, 0.2805, 0.1921



15.7326, 0.3353, 0.3148



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.



38.5301, 0.4094, 0.2858



32.4745, 0.4411, 0.2795



43.2666, 0.4465, 0.3516



18.0846, 0.3243, 0.3213



11.4597, 0.5676, 0.2900



1.1349, 0.5357, 0.2725

Inverse Universe

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



38.5301, 0.4094, 0.2858



32.4745, 0.4411, 0.2795



69.5245, 0.2415, 0.3034



18.0846, 0.3243, 0.3213



11.4597, 0.5676, 0.2900



1.1349, 0.5357, 0.2725

Previews

White Background



This preview shows how the Yxy color 38.5281, 0.4094, 0.2858 looks on a white background.

Color Contrast Check

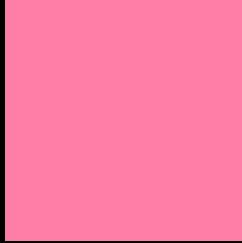
Large Text (above 18pt) WCAG AA × Fail

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 38.5281, 0.4094, 0.2858 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 38.5281, 0.4094, 0.2858

Background



This preview shows how black text looks on a background with the Yxy color 38.5281, 0.4094, 0.2858.



This preview shows how white text looks on a background with the Yxy color 38.5281, 0.4094, 0.2858.

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

38.5281, 0.4094, 0.2858

Protanopia

38.8647, 0.2888, 0.2934

Deuteranopia

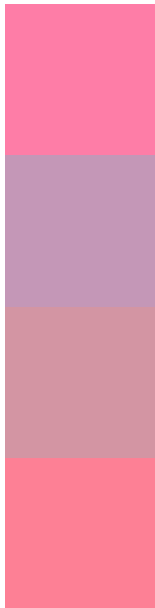
38.8530, 0.3368, 0.3304



Tritanopia

38.5248, 0.4385, 0.3200

Trichromacy



Original Color

38.5281, 0.4094, 0.2858

Protanomaly

37.2879, 0.3274, 0.2881

Deuteranomaly

37.9881, 0.3629, 0.3117

Tritanomaly

38.4909, 0.4286, 0.3075

Monochromacy



Original Color

38.5281, 0.4094, 0.2858

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

37.4257, 0.3449, 0.3084

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5281, 0.4094, 0.2858 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(254, 125, 167)` looks like.

```
.text, #text, p{  
    color:rgb(254, 125, 167)  
}
```

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(254, 125, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 125, 167) }
```

Border

The CSS property to change the border of an element to Yxy 38.5281, 0.4094, 0.2858 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(254, 125, 167) }
```

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

```
.border{ border-color:rgb(254, 125, 167) }
```

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

Here you see how a box with a 4 pixel rgb(254, 125, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 125, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 125, 167);  
box-shadow:4px 4px 4px 4px rgb(254, 125,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5281, 0.4094, 0.2858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 125, 167) }
```

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

```
.background{ background-color: rgb(254,  
125, 167) }
```

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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