

Converting Colors

$Yxy(38.0834, 0.3555, 0.2418)$

Have a look what the booklet for
Yxy(38.0834, 0.3555, 0.2418)
contains.

Yxy(38.0834, 0.3555, 0.2418)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.0834, 0.3555, 0.2418)

Conversions

Conversions Part 1

Format	Color
Hex	F57BCF
RGB	245, 123, 207
RGB Percent	96%, 48%, 81%
CMY	0.0394, 0.5175, 0.1883
CMYK	0.00, 0.50, 0.16, 0.04
HSL	319°, 86%, 72%
HSV	319°, 50%, 96%
XYZ	55.9911, 38.0834, 63.4251
YIQ	169.0540, 45.7480, 51.9880

Conversions

Conversions Part 2

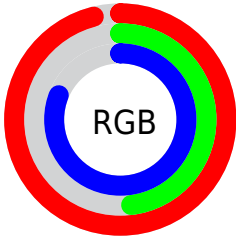
Format	Color
R _Y B	245, 123, 207
Decimal	16088015
CIE Lab	68.08, 56.72, -22.06
CIE LCh	68, 60.861, 338.746
Yxy	38.0834, 0.3555, 0.2418
Android (android.graphics.Color)	4294278095 (0xFFFF57BCF)
YUV	169.0540, 18.7074, 66.6046
Hunter-Lab	61.7117, 53.9576, -17.7379

Details

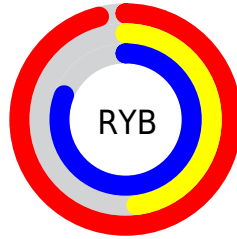
The Yxy color **38.0834, 0.3555, 0.2418** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **72.0700, 0.2873, 0.4382**, and the grayscale version is **39.5970, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.7202, 0.3162, 0.2546**, and **16.8733, 0.3652, 0.2195** is the 20% darker color. If you saturate the color by 10%, you get **32.3829, 0.3677, 0.2272**, and if you desaturate by 10%, it is **45.3260, 0.3444, 0.2586**.

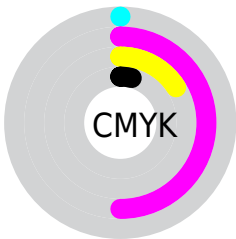
Distribution



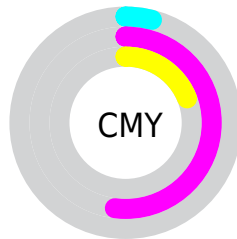
- Red (96%)
- Green (48%)
- Blue (81%)



- Red (96%)
- Yellow (48%)
- Blue (81%)



- Cyan (0%)
- Magenta (50%)
- Yellow (16%)
- Black (4%)





- Cyan (4%)
- Magenta (52%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.0834, 0.3555, 0.2418 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 38.0834, 0.3555, 0.2418 by changing the saturation by 10% instead.


 38.0834, 0.3555,
0.2418


 38.0834, 0.3555,
0.2418


337.9776, 0.3351,
0.2833


 26.0474, 0.3603,
0.2321


 72.2360, 0.3483,
0.2564

 16.8591, 0.3663,
0.2200


 95.1213, 0.3455,
0.2620

 10.1341, 0.3739,
0.2047


 122.3919, 0.3432,
0.2668

 5.4880, 0.3840,
0.1845

154.4322, 0.3411,
0.2710

 2.5363, 0.3977,
0.1571

191.6265, 0.3393,
0.2747

 0.8948, 0.4172,
0.1187

234.3592, 0.3377,

 0.0000, 0.4761,

0.2779

0.0000

283.0148, 0.3363,
0.2807

0.0000, 0.5524,
0.0000

0.0000, 0.0000,
0.0000

38.0834, 0.3555,
0.2418

38.0834, 0.3555,
0.2418

32.3829, 0.3677,
0.2272

45.3260, 0.3444,
0.2586

28.1032, 0.3808,
0.2158


54.2090, 0.3346,
0.2764


25.1136, 0.3943,
0.2088


64.8292, 0.3261,
0.2945

23.2568, 0.4077,
0.2067

77.2740, 0.3188,
0.3123

 22.2768, 0.4207,
0.2092

 91.6251, 0.3126,
0.3294

 22.2583, 0.4210,
0.2093

 98.0029, 0.3078,
0.3312

 98.1460, 0.3066,
0.3290

Harmonies

Analogous

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



38.0834, 0.2656, 0.2071



38.0834, 0.3555, 0.2418



38.0834, 0.4431, 0.2941

Triad

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



38.0834, 0.3555, 0.2418



38.0834, 0.4193, 0.4767



38.0834, 0.1635, 0.2620

Complementary

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



38.0834, 0.3555, 0.2418



72.0700, 0.2873, 0.4382

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.



38.0834, 0.1926, 0.3494



38.0834, 0.3555, 0.2418



38.0834, 0.3385, 0.4969

Square

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



38.0834, 0.3555, 0.2418



38.0834, 0.4767, 0.4201



38.0834, 0.2553, 0.4476



38.0834, 0.1668, 0.2119

Rectangle

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



38.0834, 0.3555, 0.2418



38.0834, 0.4802, 0.3346



38.0834, 0.2553, 0.4476



38.0834, 0.1694, 0.2874

Sweetspot

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



38.0852, 0.3555, 0.2418



77.2333, 0.3225, 0.3031



28.1989, 0.2435, 0.1808



15.9269, 0.3240, 0.2993



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.



38.0852, 0.3555, 0.2418



35.2849, 0.3682, 0.2267



35.7005, 0.4248, 0.3032



16.6753, 0.3186, 0.3128



12.0211, 0.4190, 0.2082



1.0750, 0.4036, 0.1997

Inverse Universe

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



38.0852, 0.3555, 0.2418



35.2849, 0.3682, 0.2267



74.6945, 0.2585, 0.3588



16.6753, 0.3186, 0.3128



12.0211, 0.4190, 0.2082



1.0750, 0.4036, 0.1997

Previews

White Background



This preview shows how the Yxy color 38.0834, 0.3555, 0.2418 looks on a white background.

Color Contrast Check

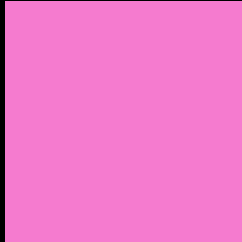
Large Text (above 18pt) WCAG AA × Fail

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 38.0834, 0.3555, 0.2418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

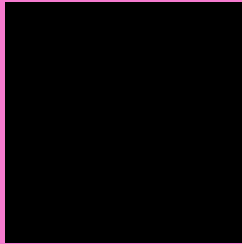
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.0834, 0.3555, 0.2418

Background



This preview shows how black text looks on a background with the Yxy color 38.0834, 0.3555, 0.2418.

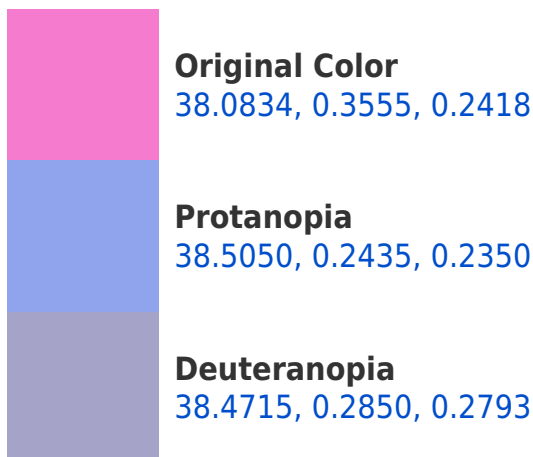


This preview shows how white text looks on a background with the Yxy color 38.0834, 0.3555, 0.2418.

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





Tritanopia

38.0344, 0.4148, 0.3182

Trichromacy



Original Color

38.0834, 0.3555, 0.2418



Protanomaly

36.6892, 0.2762, 0.2341



Deuteranomaly

37.0937, 0.3083, 0.2606



Tritanomaly

37.7605, 0.3933, 0.2886

Monochromacy



Original Color

38.0834, 0.3555, 0.2418



Achromatopsia

39.6755, 0.3127, 0.3290



Achromatomaly

37.7457, 0.3283, 0.2895

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0834, 0.3555, 0.2418 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, 123, 207)` looks like.

```
.text, #text, p{  
    color:rgb(245, 123, 207)  
}
```

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, 123, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 123, 207) }
```

Border

The CSS property to change the border of an element to Yxy 38.0834, 0.3555, 0.2418 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, 123, 207) }
```

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

```
.border{ border-color:rgb(245, 123, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 123, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 123, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 123, 207);  
box-shadow:4px 4px 4px 4px rgb(245, 123,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0834, 0.3555, 0.2418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 123, 207) }
```

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

```
.background{ background-color: rgb(245,  
123, 207) }
```

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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