

Converting Colors

Yxy(38.3314, 0.3410, 0.2236)

Have a look what the booklet for
Yxy(38.3314, 0.3410, 0.2236)
contains.

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Color

Yxy(38.3496, 0.3404, 0.2235)

Conversions

Conversions Part 1

Format	Color
Hex	F777E0
RGB	247, 119, 224
RGB Percent	97%, 47%, 88%
CMY	0.0313, 0.5333, 0.1217
CMYK	0.00, 0.52, 0.09, 0.03
HSL	311°, 89%, 72%
HSV	311°, 52%, 97%
XYZ	58.4081, 38.3496, 74.8289
YIQ	169.2420, 42.5830, 59.7910

Conversions

Conversions Part 2

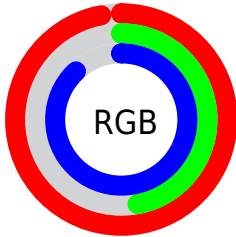
Format	Color
R _Y B	247, 119, 224
Decimal	16218080
CIE Lab	68.28, 61.83, -31.19
CIE LCh	68, 69.247, 333.230
Yxy	38.3496, 0.3404, 0.2235
Android (android.graphics.Color)	4294408160 (0xFFFF777E0)
YUV	169.2420, 26.9957, 68.1938
Hunter-Lab	61.9271, 59.9845, -28.2935

Details

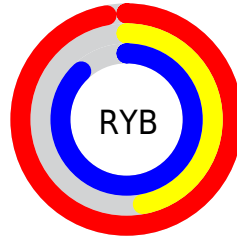
The Yxy color **38.3496, 0.3404, 0.2235** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **72.4019, 0.2946, 0.4661**, and the grayscale version is **39.6516, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.1399, 0.3164, 0.2508**, and **16.9638, 0.3464, 0.1990** is the 20% darker color. If you saturate the color by 10%, you get **32.9781, 0.3473, 0.2073**, and if you desaturate by 10%, it is **45.2584, 0.3338, 0.2423**.

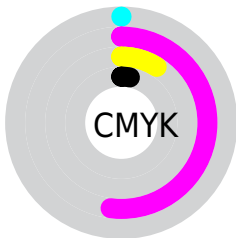
Distribution



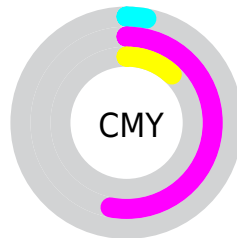
- Red (97%)
- Green (47%)
- Blue (88%)



- Red (97%)
- Yellow (47%)
- Blue (88%)



- Cyan (0%)
- Magenta (52%)
- Yellow (9%)
- Black (3%)




- Cyan (3%)
- Magenta (53%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.3496, 0.3404, 0.2235 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 38.3496, 0.3404, 0.2235 by changing the saturation by 10% instead.


 38.3496, 0.3404,
0.2235


 38.3496, 0.3404,
0.2235


339.1173, 0.3284,
0.2725

 26.2541, 0.3429,
0.2124


 72.6437, 0.3364,
0.2405

 17.0139, 0.3458,
0.1988


 95.6111, 0.3348,
0.2471

 10.2444, 0.3491,
0.1818


 122.9712, 0.3334,
0.2528

 5.5613, 0.3530,
0.1600

155.1085, 0.3322,
0.2578

 2.5802, 0.3571,
0.1317

192.4074, 0.3311,
0.2621

 0.9167, 0.3605,
0.0942

235.2522, 0.3301,

 0.0000, 0.3764,

0.2660

0.0000

284.0274, 0.3292,
0.2694

0.0000, 0.2643,
0.0000

0.0000, 0.0000,
0.0000

38.3496, 0.3404,
0.2235

38.3496, 0.3404,
0.2235

32.9781, 0.3473,
0.2073

45.2584, 0.3338,
0.2423

29.0175, 0.3544,
0.1948

53.8073, 0.3278,
0.2628

26.3303, 0.3614,
0.1866

64.0962, 0.3224,
0.2839


24.7490, 0.3682,
0.1831

76.2157, 0.3176,
0.3050

 24.0665, 0.3735,
0.1831

 90.2500, 0.3134,
0.3254

 98.2377, 0.3103,
0.3332

 98.5153, 0.3078,
0.3290

Harmonies

Analogous

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



38.3496, 0.2435, 0.1901



38.3496, 0.3404, 0.2235



38.3496, 0.4445, 0.2773

Triad

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



38.3496, 0.3404, 0.2235



38.3496, 0.4430, 0.4815



38.3496, 0.1506, 0.2668

Complementary

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



38.3496, 0.3404, 0.2235



72.4019, 0.2946, 0.4661

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.



38.3496, 0.1880, 0.3727



38.3496, 0.3404, 0.2235



38.3496, 0.3556, 0.5210

Square

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



38.3496, 0.3404, 0.2235



38.3496, 0.5022, 0.4126



38.3496, 0.2623, 0.4830



38.3496, 0.1488, 0.2049

Rectangle

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



38.3496, 0.3404, 0.2235



38.3496, 0.4935, 0.3199



38.3496, 0.2623, 0.4830



38.3496, 0.1588, 0.2977

Sweetspot

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



38.3514, 0.3404, 0.2235



76.2106, 0.3195, 0.2961



25.5163, 0.2270, 0.1691



15.7394, 0.3205, 0.2918



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.



38.3514, 0.3404, 0.2235



35.3125, 0.3475, 0.2069



35.5678, 0.4109, 0.2841



16.7141, 0.3166, 0.3098



12.7466, 0.3724, 0.1825



1.1334, 0.3648, 0.1783

Inverse Universe

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



38.3514, 0.3404, 0.2235



35.3125, 0.3475, 0.2069



74.8238, 0.2648, 0.3824



16.7141, 0.3166, 0.3098



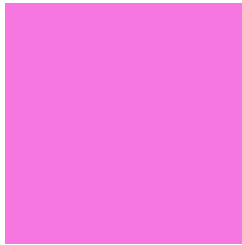
12.7466, 0.3724, 0.1825



1.1334, 0.3648, 0.1783

Previews

White Background



This preview shows how the Yxy color 38.3496, 0.3404, 0.2235 looks on a white background.

Color Contrast Check

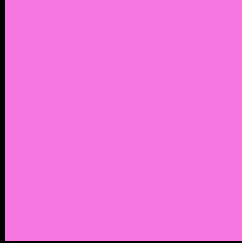
Large Text (above 18pt) WCAG AA × Fail

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 38.3496, 0.3404, 0.2235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

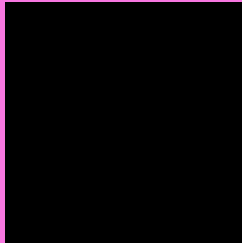
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.3496, 0.3404, 0.2235

Background



This preview shows how black text looks on a background with the Yxy color 38.3496, 0.3404, 0.2235.

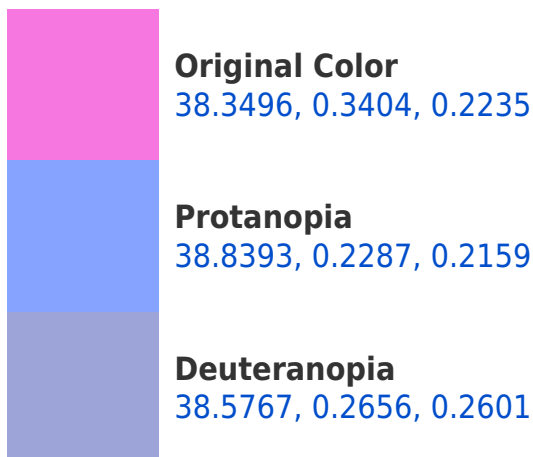


This preview shows how white text looks on a background with the Yxy color 38.3496, 0.3404, 0.2235.

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

38.1750, 0.4122, 0.3181

Trichromacy



Original Color

38.3496, 0.3404, 0.2235



Protanomaly

36.8254, 0.2596, 0.2144



Deuteranomaly

37.1131, 0.2893, 0.2421



Tritanomaly

37.7612, 0.3855, 0.2800

Monochromacy



Original Color

38.3496, 0.3404, 0.2235



Achromatopsia

39.6755, 0.3127, 0.3290



Achromatomaly

37.6777, 0.3227, 0.2810

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.3496, 0.3404, 0.2235 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, 119, 224)` looks like.

```
.text, #text, p{  
    color:rgb(247, 119, 224)  
}
```

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, 119, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 119, 224) }
```

Border

The CSS property to change the border of an element to Yxy 38.3496, 0.3404, 0.2235 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, 119, 224) }
```

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

```
.border{ border-color:rgb(247, 119, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 119, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 119, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 119, 224);  
box-shadow:4px 4px 4px 4px rgb(247, 119,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 38.3496, 0.3404, 0.2235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 119, 224) }
```

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

```
.background{ background-color: rgb(247,  
119, 224) }
```

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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