

Converting Colors

$Y_{xy}(39.3117, 0.4202, 0.3072)$

Have a look what the booklet for
Yxy(39.3117, 0.4202, 0.3072)
contains.

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Color

Yxy(39.3117, 0.4202, 0.3072)

Conversions

Conversions Part 1

Format	Color
Hex	FB8499
RGB	251, 132, 153
RGB Percent	98%, 52%, 60%
CMY	0.0159, 0.4822, 0.4001
CMYK	0.00, 0.47, 0.39, 0.02
HSL	349°, 94%, 75%
HSV	349°, 47%, 98%
XYZ	53.7721, 39.3117, 34.8840
YIQ	169.9750, 64.1830, 31.7590

Conversions

Conversions Part 2

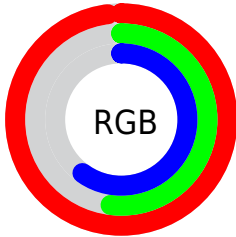
Format	Color
R_{YB}	251, 132, 153
Decimal	16483481
CIE _{Lab}	68.98, 47.25, 9.66
CIE _{LCh}	69, 48.232, 11.552
Yxy	39.3117, 0.4202, 0.3072
Android (android.graphics.Color)	4294673561 (0xFFFB8499)
YUV	169.9750, -8.3687, 71.0589
Hunter-Lab	62.6990, 43.3621, 10.9020

Details

The Yxy color **39.3117, 0.4202, 0.3072** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **79.5896, 0.2590, 0.3537**, and the grayscale version is **40.2074, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.3056, 0.3536, 0.3085**, and **17.6276, 0.4532, 0.2994** is the 20% darker color. If you saturate the color by 10%, you get **32.6792, 0.4576, 0.3039**, and if you desaturate by 10%, it is **47.7035, 0.3883, 0.3116**.

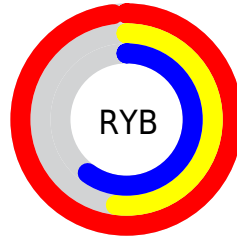
Distribution



Red (98%)

Green (52%)

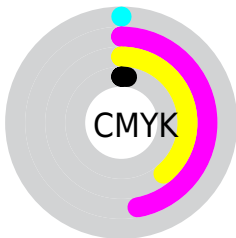
Blue (60%)



Red (98%)

Yellow (52%)

Blue (60%)

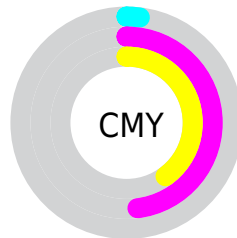


Cyan (0%)

Magenta (47%)

Yellow (39%)

Black (2%)



Cyan (2%)


Magenta (48%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3117, 0.4202, 0.3072 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 39.3117, 0.4202, 0.3072 by changing the saturation by 10% instead.

 39.3117, 0.4202,
0.3072


 39.3117, 0.4202,
0.3072


343.2139, 0.3646,
0.3197

 27.0023, 0.4345,
0.3036


 74.1142, 0.3996,
0.3121

 17.5749, 0.4532,
0.2987


 97.3762, 0.3920,
0.3138

 10.6453, 0.4783,
0.2917


 125.0578, 0.3856,
0.3153

 5.8288, 0.5138,
0.2810

157.5433, 0.3802,
0.3164

 2.7413, 0.5670,
0.2633

195.2174, 0.3755,
0.3174

 0.9982, 0.6680,
0.2359

238.4642, 0.3714,

 0.0000, 1.0000,

0.3183

0.0000

287.6682, 0.3678,
0.3190

■ 0.0000, 0.0000,
0.0000

■ 39.3117, 0.4202,
0.3072

■ 39.3117, 0.4202,
0.3072

■ 32.6792, 0.4576,
0.3039

■ 47.7035, 0.3883,
0.3116

■ 27.6745, 0.4992,
0.3024

■ 57.9616, 0.3620,
0.3164

■ 24.1576, 0.5419,
0.3037

■ 70.1918, 0.3406,
0.3212

■ 21.9616, 0.5809,
0.3082

■ 84.4900, 0.3233,
0.3258

■ 20.8705, 0.6108,
0.3155

■ 99.2411, 0.3102,
0.3290

 20.6845, 0.6171,
0.3173

Harmonies

Analogous

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



39.3117, 0.3543, 0.2619



39.3117, 0.4202, 0.3072



39.3117, 0.4533, 0.3597

Triad

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



39.3117, 0.4202, 0.3072



39.3117, 0.3301, 0.4569



39.3117, 0.1947, 0.2327

Complementary

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



39.3117, 0.4202, 0.3072



79.5896, 0.2590, 0.3537

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.



39.3117, 0.1900, 0.2728



39.3117, 0.4202, 0.3072



39.3117, 0.2632, 0.4133

Square

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



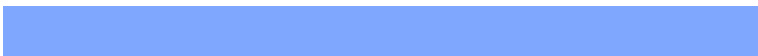
39.3117, 0.4202, 0.3072



39.3117, 0.3959, 0.4513



39.3117, 0.2131, 0.3394



39.3117, 0.2260, 0.2200

Rectangle

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



39.3117, 0.4202, 0.3072



39.3117, 0.4507, 0.3950



39.3117, 0.2131, 0.3394



39.3117, 0.1901, 0.2429

Sweetspot

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



39.3137, 0.4202, 0.3072



77.5481, 0.3343, 0.3228



40.1589, 0.2989, 0.2069



15.9406, 0.3383, 0.3218



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.



39.3137, 0.4202, 0.3072



34.0929, 0.4562, 0.3040



50.8039, 0.4232, 0.3691



17.2751, 0.3266, 0.3248



10.8916, 0.6138, 0.3155



1.0221, 0.5836, 0.2989

Inverse Universe

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



39.3137, 0.4202, 0.3072



34.0929, 0.4562, 0.3040



59.6102, 0.2414, 0.2832



17.2751, 0.3266, 0.3248



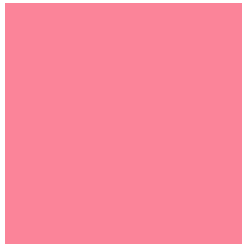
10.8916, 0.6138, 0.3155



1.0221, 0.5836, 0.2989

Previews

White Background



This preview shows how the Yxy color 39.3117, 0.4202, 0.3072 looks on a white background.

Color Contrast Check

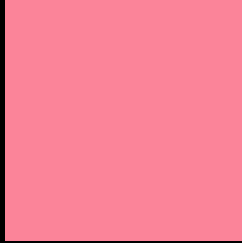
Large Text (above 18pt) WCAG AA × Fail

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 39.3117, 0.4202, 0.3072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

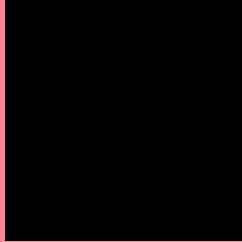
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3117, 0.4202, 0.3072

Background



This preview shows how black text looks on a background with the Yxy color 39.3117, 0.4202, 0.3072.



This preview shows how white text looks on a background with the Yxy color 39.3117, 0.4202, 0.3072.

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

39.3117, 0.4202, 0.3072

Protanopia

39.6803, 0.3112, 0.3221

Deuteranopia

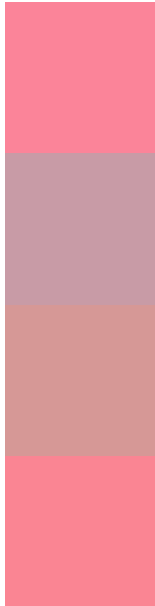
39.6700, 0.3558, 0.3491



Tritanopia

39.3574, 0.4299, 0.3198

Trichromacy



Original Color

39.3117, 0.4202, 0.3072

Protanomaly

38.4752, 0.3473, 0.3149

Deuteranomaly

38.9546, 0.3786, 0.3317

Tritanomaly

39.2056, 0.4258, 0.3145

Monochromacy



Original Color

39.3117, 0.4202, 0.3072

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

38.5994, 0.3480, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3117, 0.4202, 0.3072 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(251, 132, 153)` looks like.

```
.text, #text, p{  
    color:rgb(251, 132, 153)  
}
```

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(251, 132, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 132, 153) }
```

Border

The CSS property to change the border of an element to Yxy 39.3117, 0.4202, 0.3072 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(251, 132, 153) }
```

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

```
.border{ border-color:rgb(251, 132, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 132, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 132, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 132, 153);  
box-shadow:4px 4px 4px 4px rgb(251, 132,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3117, 0.4202, 0.3072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 132, 153) }
```

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

```
.background{ background-color: rgb(251,  
132, 153) }
```

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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