

Converting Colors

$Y_{xy}(48.9068, 0.4090, 0.2578)$

Have a look what the booklet for
Yxy(48.9068, 0.4090, 0.2578)
contains.

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Color

Yxy(39.3425, 0.3678, 0.2449)

Conversions

Conversions Part 1

Format	Color
Hex	FF79CD
RGB	255, 121, 205
RGB Percent	100%, 47%, 80%
CMY	0.0001, 0.5254, 0.1962
CMYK	0.00, 0.53, 0.20, 0.00
HSL	322°, 100%, 74%
HSV	322°, 53%, 100%
XYZ	59.0860, 39.3425, 62.2187
YIQ	170.6420, 52.9000, 54.5320

Conversions

Conversions Part 2

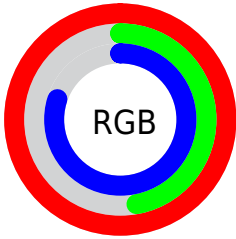
Format	Color
R_{YB}	255, 121, 205
Decimal	16742861
CIE _{Lab}	69.00, 60.36, -19.42
CIE _{LCh}	69, 63.402, 342.168
Yxy	39.3425, 0.3678, 0.2449
Android (android.graphics.Color)	4294932941 (0xFFFF79CD)
YUV	170.6420, 16.9385, 73.9820
Hunter-Lab	62.7236, 58.3819, -14.9062

Details

The Yxy color **39.3425, 0.3678, 0.2449** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **78.5111, 0.2825, 0.4349**, and the grayscale version is **40.4337, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.9243, 0.3163, 0.2527**, and **17.5033, 0.3812, 0.2229** is the 20% darker color. If you saturate the color by 10%, you get **33.4970, 0.3832, 0.2323**, and if you desaturate by 10%, it is **46.8571, 0.3538, 0.2599**.

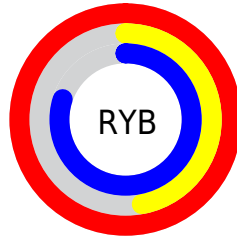
Distribution



Red (100%)

Green (47%)

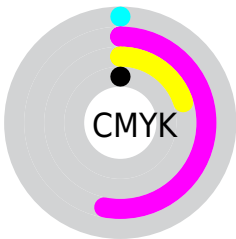
Blue (80%)



Red (100%)

Yellow (47%)

Blue (80%)

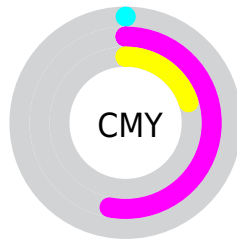


Cyan (0%)

Magenta (53%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (53%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3425, 0.3678, 0.2449 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 39.3425, 0.3678, 0.2449 by changing the saturation by 10% instead.


 39.3425, 0.3678,
0.2449


 39.3425, 0.3678,
0.2449


343.3445, 0.3411,
0.2849

 27.0263, 0.3742,
0.2356


 74.1613, 0.3583,
0.2589

 17.5930, 0.3822,
0.2240


 97.4326, 0.3547,
0.2644

 10.6582, 0.3926,
0.2092


 125.1244, 0.3516,
0.2690

 5.8375, 0.4065,
0.1897

157.6210, 0.3489,
0.2730

 2.7465, 0.4260,
0.1633

195.3070, 0.3466,
0.2765

 1.0009, 0.4550,
0.1261

238.5666, 0.3445,

 0.0000, 0.5404,

0.2797

0.0000

287.7843, 0.3427,
0.2824

■ 0.0000, 0.9098,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.3425, 0.3678,
0.2449

■ 39.3425, 0.3678,
0.2449

■ 33.4970, 0.3832,
0.2323

■ 46.8571, 0.3538,
0.2599

■ 29.1825, 0.3998,
0.2232

■ 56.1533, 0.3416,
0.2762

■ 26.2479, 0.4169,
0.2187

■ 67.3403, 0.3310,
0.2929

■ 24.5082, 0.4339,
0.2196

■ 80.5167, 0.3220,
0.3093

 23.7852, 0.4462,
0.2232

 95.7746, 0.3144,
0.3251

99.9946, 0.3127,
0.3290

Harmonies

Analogous

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



39.3425, 0.2737, 0.2071



39.3425, 0.3678, 0.2449



39.3425, 0.4553, 0.2997

Triad

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



39.3425, 0.3678, 0.2449



39.3425, 0.4128, 0.4856



39.3425, 0.1586, 0.2519

Complementary

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



39.3425, 0.3678, 0.2449



78.5111, 0.2825, 0.4349

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.



39.3425, 0.1842, 0.3379



39.3425, 0.3678, 0.2449



39.3425, 0.3285, 0.5006

Square

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



39.3425, 0.3678, 0.2449



39.3425, 0.4760, 0.4290



39.3425, 0.2446, 0.4416



39.3425, 0.1657, 0.2053

Rectangle

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



39.3425, 0.3678, 0.2449



39.3425, 0.4891, 0.3414



39.3425, 0.2446, 0.4416



39.3425, 0.1633, 0.2763

Sweetspot

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



39.3444, 0.3678, 0.2449



75.7320, 0.3249, 0.3037



29.4638, 0.2455, 0.1743



15.6247, 0.3268, 0.3003



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.



39.3444, 0.3678, 0.2449



33.2691, 0.3840, 0.2317



36.7990, 0.4459, 0.3112



18.1786, 0.3196, 0.3142



12.4613, 0.4436, 0.2217



1.2345, 0.4258, 0.2119

Inverse Universe

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



39.3444, 0.3678, 0.2449



33.2691, 0.3840, 0.2317



81.6905, 0.2524, 0.3498



18.1786, 0.3196, 0.3142



12.4613, 0.4436, 0.2217



1.2345, 0.4258, 0.2119

Previews

White Background



This preview shows how the Yxy color 39.3425, 0.3678, 0.2449 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 39.3425, 0.3678, 0.2449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

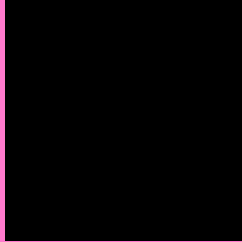
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3425, 0.3678, 0.2449

Background



This preview shows how black text looks on a background with the Yxy color 39.3425, 0.3678, 0.2449.



This preview shows how white text looks on a background with the Yxy color 39.3425, 0.3678, 0.2449.

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

39.3425, 0.3678, 0.2449

Protanopia

39.6485, 0.2459, 0.2372

Deuteranopia

39.6454, 0.2909, 0.2851



Tritanopia

39.2035, 0.4278, 0.3187

Trichromacy



Original Color

39.3425, 0.3678, 0.2449



Protanomaly

37.7428, 0.2814, 0.2366



Deuteranomaly

38.2685, 0.3167, 0.2655



Tritanomaly

38.9629, 0.4062, 0.2903

Monochromacy



Original Color

39.3425, 0.3678, 0.2449



Achromatopsia

40.7240, 0.3127, 0.3290



Achromatomaly

38.7579, 0.3331, 0.2914

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3425, 0.3678, 0.2449 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(255, 121, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 121, 205)  
}
```

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(255, 121, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 121, 205) }
```

Border

The CSS property to change the border of an element to Yxy 39.3425, 0.3678, 0.2449 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(255, 121, 205) }
```

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

```
.border{ border-color:rgb(255, 121, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 121, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 121, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 121, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 121,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3425, 0.3678, 0.2449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 121, 205) }
```

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

```
.background{ background-color: rgb(255,  
121, 205) }
```

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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