

Converting Colors

$Y_{xy}(40.0640, 0.3889, 0.2703)$

Have a look what the booklet for
Yxy(40.0640, 0.3889, 0.2703)
contains.

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Color

Yxy(39.9415, 0.3888, 0.2697)

Conversions

Conversions Part 1

Format	Color
Hex	FF7FB9
RGB	255, 127, 185
RGB Percent	100%, 50%, 73%
CMY	0.0001, 0.5019, 0.2745
CMYK	0.00, 0.50, 0.27, 0.00
HSL	333°, 100%, 75%
HSV	333°, 50%, 100%
XYZ	57.5797, 39.9415, 50.5748
YIQ	171.8840, 57.6700, 45.1740

Conversions

Conversions Part 2

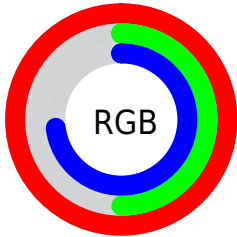
Format	Color
R _Y B	255, 127, 185
Decimal	16744377
CIE Lab	69.43, 54.85, -7.60
CIE LCh	69, 55.372, 352.111
Yxy	39.9415, 0.3888, 0.2697
Android (android.graphics.Color)	4294934457 (0xFFFF7FB9)
YUV	171.8840, 6.4662, 72.8927
Hunter-Lab	63.1993, 52.0294, -3.2069

Details

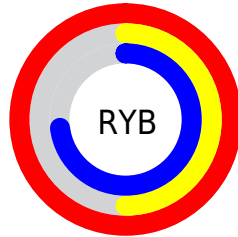
The Yxy color **39.9415, 0.3888, 0.2697** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **80.0495, 0.2729, 0.4002**, and the grayscale version is **41.1414, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.4778, 0.3266, 0.2712**, and **17.9028, 0.4103, 0.2534** is the 20% darker color. If you saturate the color by 10%, you get **33.6080, 0.4127, 0.2603**, and if you desaturate by 10%, it is **48.0029, 0.3679, 0.2810**.

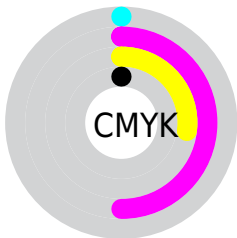
Distribution



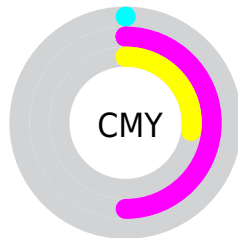
- Red (100%)
- Green (50%)
- Blue (73%)



- Red (100%)
- Yellow (50%)
- Blue (73%)



- Cyan (0%)
- Magenta (50%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (50%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.9415, 0.3888, 0.2697 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 39.9415, 0.3888, 0.2697 by changing the saturation by 10% instead.


 39.9415, 0.3888,
0.2697


 39.9415, 0.3888,
0.2697


345.8769, 0.3505,
0.2989

 27.4929, 0.3984,
0.2626


 75.0744, 0.3748,
0.2802

 17.9438, 0.4107,
0.2536


 98.5276, 0.3696,
0.2842

 10.9096, 0.4271,
0.2417


 126.4177, 0.3652,
0.2875

 6.0061, 0.4499,
0.2257

159.1292, 0.3614,
0.2904

 2.8488, 0.4836,
0.2027

197.0465, 0.3581,
0.2930

 1.0533, 0.5378,
0.1675

240.5540, 0.3553,

 0.0000, 0.7461,

0.2952

0.0000

290.0360, 0.3527,
0.2971

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

39.9415, 0.3888,
0.2697

39.9415, 0.3888,
0.2697

33.6080, 0.4127,
0.2603

48.0029, 0.3679,
0.2810

28.8666, 0.4391,
0.2539

57.9027, 0.3502,
0.2932

25.5707, 0.4670,
0.2521

69.7491, 0.3353,
0.3055

23.5431, 0.4947,
0.2556

83.6401, 0.3230,
0.3175

■ 22.5056, 0.5203,
0.2640

99.6671, 0.3129,
0.3288

99.9954, 0.3127,
0.3290

Harmonies

Analogous

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



39.9415, 0.3051, 0.2293



39.9415, 0.3888, 0.2697



39.9415, 0.4542, 0.3231

Triad

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



39.9415, 0.3888, 0.2697



39.9415, 0.3801, 0.4763



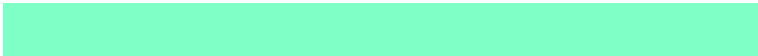
39.9415, 0.1740, 0.2448

Complementary

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



39.9415, 0.3888, 0.2697



80.0495, 0.2729, 0.4002

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.



39.9415, 0.1879, 0.3100



39.9415, 0.3888, 0.2697



39.9415, 0.3032, 0.4660

Square

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



39.9415, 0.3888, 0.2697



39.9415, 0.4433, 0.4386



39.9415, 0.2330, 0.3977



39.9415, 0.1897, 0.2124

Rectangle

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



39.9415, 0.3888, 0.2697



39.9415, 0.4728, 0.3622



39.9415, 0.2330, 0.3977



39.9415, 0.1752, 0.2629

Sweetspot

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



39.9435, 0.3888, 0.2697



76.7022, 0.3287, 0.3118



34.0411, 0.2666, 0.1882



15.7989, 0.3313, 0.3093



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.



39.9435, 0.3888, 0.2697



33.7156, 0.4122, 0.2604



39.0990, 0.4543, 0.3338



18.1239, 0.3223, 0.3183



11.7914, 0.5163, 0.2618



1.1698, 0.4884, 0.2464

Inverse Universe

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



39.9435, 0.3888, 0.2697



33.7156, 0.4122, 0.2604



80.5460, 0.2462, 0.3239



18.1239, 0.3223, 0.3183



11.7914, 0.5163, 0.2618



1.1698, 0.4884, 0.2464

Previews

White Background



This preview shows how the Yxy color 39.9415, 0.3888, 0.2697 looks on a white background.

Color Contrast Check

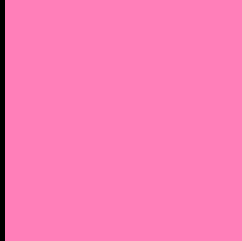
Large Text (above 18pt) WCAG AA × Fail

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 39.9415, 0.3888, 0.2697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

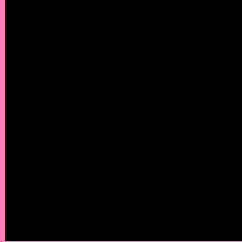
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.9415, 0.3888, 0.2697

Background



This preview shows how black text looks on a background with the Yxy color 39.9415, 0.3888, 0.2697.



This preview shows how white text looks on a background with the Yxy color 39.9415, 0.3888, 0.2697.

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

39.9415, 0.3888, 0.2697

Protanopia

40.2323, 0.2719, 0.2709

Deuteranopia

40.1100, 0.3164, 0.3104



Tritanopia

39.8815, 0.4281, 0.3188

Trichromacy



Original Color

39.9415, 0.3888, 0.2697



Protanomaly

38.6488, 0.3090, 0.2680



Deuteranomaly

39.0247, 0.3422, 0.2922



Tritanomaly

39.7360, 0.4131, 0.2999

Monochromacy



Original Color

39.9415, 0.3888, 0.2697



Achromatopsia

41.2543, 0.3127, 0.3290



Achromatomaly

39.5078, 0.3383, 0.3026

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9415, 0.3888, 0.2697 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, 127, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 127, 185)  
}
```

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, 127, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 127, 185) }
```

Border

The CSS property to change the border of an element to Yxy 39.9415, 0.3888, 0.2697 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, 127, 185) }
```

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

```
.border{ border-color:rgb(255, 127, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 127, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 127, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 127, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 127,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9415, 0.3888, 0.2697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 127, 185) }
```

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

```
.background{ background-color: rgb(255,  
127, 185) }
```

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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