

Converting Colors

$Y_{xy}(52.2654, 0.4331, 0.2714)$

Have a look what the booklet for
Yxy(52.2654, 0.4331, 0.2714)
contains.

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Color

Yxy(39.0741, 0.3798, 0.2562)

Conversions

Conversions Part 1

Format	Color
Hex	FF7AC2
RGB	255, 122, 194
RGB Percent	100%, 48%, 76%
CMY	0.0001, 0.5214, 0.2393
CMYK	0.00, 0.52, 0.24, 0.00
HSL	328°, 100%, 74%
HSV	328°, 52%, 100%
XYZ	57.9248, 39.0741, 55.5151
YIQ	169.9750, 56.1560, 50.5880

Conversions

Conversions Part 2

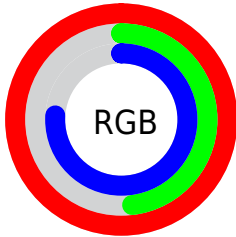
Format	Color
RYB	255, 122, 194
Decimal	16743106
CIELab	68.80, 58.38, -13.56
CIELCh	69, 59.931, 346.922
Yxy	39.0741, 0.3798, 0.2562
Android (android.graphics.Color)	4294933186 (0xFFFF7AC2)
YUV	169.9750, 11.8443, 74.5669
Hunter-Lab	62.5093, 56.0175, -8.8995

Details

The Yxy color **39.0741, 0.3798, 0.2562** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **79.0566, 0.2773, 0.4190**, and the grayscale version is **40.1089, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.0658, 0.3193, 0.2572**, and **17.3920, 0.3987, 0.2376** is the 20% darker color. If you saturate the color by 10%, you get **33.1074, 0.3995, 0.2452**, and if you desaturate by 10%, it is **46.7282, 0.3623, 0.2694**.

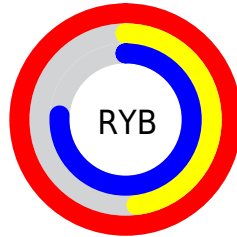
Distribution



Red (100%)

Green (48%)

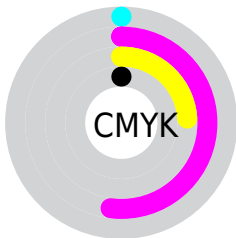
Blue (76%)



Red (100%)

Yellow (48%)

Blue (76%)

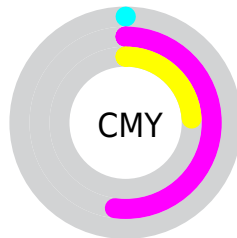


Cyan (0%)

Magenta (52%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (52%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0741, 0.3798, 0.2562 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 39.0741, 0.3798, 0.2562 by changing the saturation by 10% instead.


 39.0741, 0.3798,
0.2562


 39.0741, 0.3798,
0.2562


342.2054, 0.3465,
0.2914

 26.8174, 0.3880,
0.2478


 73.7515, 0.3678,
0.2687

 17.4361, 0.3985,
0.2373


 96.9410, 0.3632,
0.2735

 10.5459, 0.4123,
0.2236


 124.5435, 0.3594,
0.2776

 5.7624, 0.4312,
0.2054

156.9434, 0.3561,
0.2811

 2.7011, 0.4587,
0.1800

194.5252, 0.3532,
0.2842

 0.9778, 0.5017,
0.1429

237.6732, 0.3507,

 0.0000, 0.6331,

0.2869

0.0000

286.7718, 0.3485,
0.2893

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.0741, 0.3798,
0.2562

■ 39.0741, 0.3798,
0.2562

■ 33.1074, 0.3995,
0.2452

■ 46.7282, 0.3623,
0.2694

■ 28.6899, 0.4209,
0.2378

■ 56.1820, 0.3471,
0.2837

■ 25.6713, 0.4433,
0.2350

■ 67.5446, 0.3342,
0.2983

■ 23.8677, 0.4655,
0.2376

■ 80.9150, 0.3234,
0.3125

■ 23.0875, 0.4823,
0.2431

■ 96.3852, 0.3144,
0.3262

99.9929, 0.3127,
0.3290

Harmonies

Analogous

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



39.0741, 0.2890, 0.2166



39.0741, 0.3798, 0.2562



39.0741, 0.4577, 0.3110

Triad

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



39.0741, 0.3798, 0.2562



39.0741, 0.3974, 0.4842



39.0741, 0.1642, 0.2466

Complementary

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



39.0741, 0.3798, 0.2562



79.0566, 0.2773, 0.4190

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.



39.0741, 0.1840, 0.3229



39.0741, 0.3798, 0.2562



39.0741, 0.3155, 0.4867

Square

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



39.0741, 0.3798, 0.2562



39.0741, 0.4617, 0.4355



39.0741, 0.2372, 0.4207



39.0741, 0.1756, 0.2070

Rectangle

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



39.0741, 0.3798, 0.2562



39.0741, 0.4840, 0.3519



39.0741, 0.2372, 0.4207



39.0741, 0.1671, 0.2680

Sweetspot

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



39.0760, 0.3798, 0.2562



75.5269, 0.3274, 0.3071



31.0741, 0.2550, 0.1790



15.5758, 0.3296, 0.3041



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.



39.0760, 0.3798, 0.2562



32.6761, 0.4013, 0.2444



36.7586, 0.4577, 0.3227



18.1515, 0.3209, 0.3162



12.0983, 0.4790, 0.2412



1.2000, 0.4559, 0.2285

Inverse Universe

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



39.0760, 0.3798, 0.2562



32.6761, 0.4013, 0.2444



82.4337, 0.2481, 0.3365



18.1515, 0.3209, 0.3162



12.0983, 0.4790, 0.2412



1.2000, 0.4559, 0.2285

Previews

White Background



This preview shows how the Yxy color 39.0741, 0.3798, 0.2562 looks on a white background.

Color Contrast Check

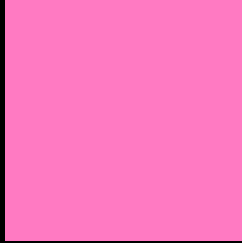
Large Text (above 18pt) WCAG AA × Fail

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 39.0741, 0.3798, 0.2562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

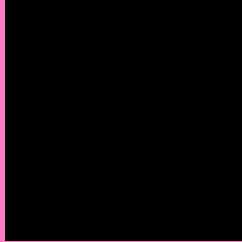
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0741, 0.3798, 0.2562

Background



This preview shows how black text looks on a background with the Yxy color 39.0741, 0.3798, 0.2562.



This preview shows how white text looks on a background with the Yxy color 39.0741, 0.3798, 0.2562.

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

39.0741, 0.3798, 0.2562

Protanopia

39.3297, 0.2577, 0.2531

Deuteranopia

39.3689, 0.3041, 0.2982



Tritanopia

39.0520, 0.4316, 0.3198

Trichromacy



Original Color

39.0741, 0.3798, 0.2562



Protanomaly

37.4356, 0.2943, 0.2509



Deuteranomaly

38.1917, 0.3298, 0.2785



Tritanomaly

38.9692, 0.4131, 0.2957

Monochromacy



Original Color

39.0741, 0.3798, 0.2562



Achromatopsia

40.1978, 0.3127, 0.3290



Achromatomaly

38.4546, 0.3359, 0.2962

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0741, 0.3798, 0.2562 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, 122, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 122, 194)  
}
```

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, 122, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 122, 194) }
```

Border

The CSS property to change the border of an element to Yxy 39.0741, 0.3798, 0.2562 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, 122, 194) }
```

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

```
.border{ border-color:rgb(255, 122, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 122, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 122, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 122, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 122,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0741, 0.3798, 0.2562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 122, 194) }
```

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

```
.background{ background-color: rgb(255,  
122, 194) }
```

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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