

Converting Colors

$Yxy(39.3989, 0.4304, 0.4349)$

Have a look what the booklet for
Yxy(39.3989, 0.4304, 0.4349)
contains.

Yxy(39.3989, 0.4304, 0.4349)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.3989, 0.4304, 0.4349)

Conversions

Conversions Part 1

Format	Color
Hex	CBA34B
RGB	203, 163, 75
RGB Percent	80%, 64%, 29%
CMY	0.2040, 0.3607, 0.7059
CMYK	0.00, 0.20, 0.63, 0.20
HSL	41°, 55%, 55%
HSV	41°, 63%, 80%
XYZ	38.9912, 39.3989, 12.2029
YIQ	164.9280, 52.0880, -18.8880

Conversions

Conversions Part 2

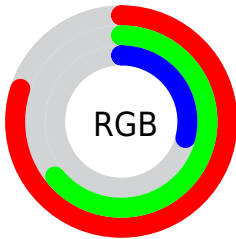
Format	Color
RYB	133, 203, 75
Decimal	13345611
CIELab	69.04, 4.97, 50.19
CIELCh	69, 50.438, 84.346
Yxy	39.3989, 0.4304, 0.4349
Android (android.graphics.Color)	4291535691 (0xFFCBA34B)
YUV	164.9280, -44.3345, 33.3891
Hunter-Lab	62.7685, 1.0376, 32.4114

Details

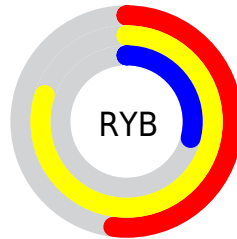
The Yxy color **39.3989, 0.4304, 0.4349** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **18.0558, 0.2046, 0.1866**, and the grayscale version is **37.7880, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.9351, 0.4042, 0.4203**, and **17.6660, 0.4573, 0.4586** is the 20% darker color. If you saturate the color by 10%, you get **36.9710, 0.4494, 0.4453**, and if you desaturate by 10%, it is **42.0320, 0.4102, 0.4210**.

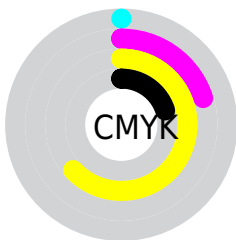
Distribution



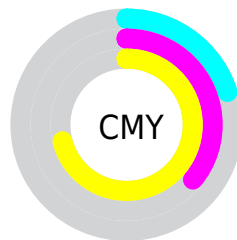
- Red (80%)
- Green (64%)
- Blue (29%)



- Red (52%)
- Yellow (80%)
- Blue (29%)



- Cyan (0%)
- Magenta (20%)
- Yellow (63%)
- Black (20%)




- Cyan (20%)
- Magenta (36%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3989, 0.4304, 0.4349 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 39.3989, 0.4304, 0.4349 by changing the saturation by 10% instead.


 39.3989, 0.4304,
0.4349


 39.3989, 0.4304,
0.4349


343.5835, 0.3728,
0.3846


 27.0702, 0.4433,
0.4455


 74.2473, 0.4103,
0.4178

 17.6259, 0.4584,
0.4576


 97.5358, 0.4025,
0.4110


 10.6818, 0.4759,
0.4705


 125.2463, 0.3958,
0.4051

 5.8533, 0.5063,
0.4937

 157.7633, 0.3899,
0.3999

 2.7561, 0.5116,
0.4884

 195.4711, 0.3848,
0.3954

 1.0057, 0.5210,
0.4790

238.7541, 0.3803,

 0.0000, 1.0000,

0.3913

0.0000

287.9968, 0.3763,
0.3878

0.0000, 0.0000,
0.0000

39.3989, 0.4304,
0.4349

39.3989, 0.4304,
0.4349

36.9710, 0.4494,
0.4453

42.0320, 0.4102,
0.4210

34.7323, 0.4662,
0.4513

44.8740, 0.3898,
0.4047

32.6723, 0.4800,
0.4522

47.9349, 0.3698,
0.3872

31.3335, 0.4881,
0.4506

51.2226, 0.3509,
0.3691

54.7443, 0.3334,
0.3513

■ 58.5068, 0.3173,
0.3341

■ 62.5164, 0.3028,
0.3178

■ 66.7794, 0.2898,
0.3027

■ 71.1286, 0.2797,
0.2913

Harmonies

Analogous

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



39.3989, 0.4598, 0.3838



39.3989, 0.4304, 0.4349



39.3989, 0.3710, 0.4651

Triad

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



39.3989, 0.4304, 0.4349



39.3989, 0.1953, 0.3070



39.3989, 0.3117, 0.2387

Complementary

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



39.3989, 0.4304, 0.4349



18.0558, 0.2046, 0.1866

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.



39.3989, 0.2444, 0.2179



39.3989, 0.4304, 0.4349



39.3989, 0.1840, 0.2487

Square

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



39.3989, 0.4304, 0.4349



39.3989, 0.2357, 0.3857



39.3989, 0.2007, 0.2200



39.3989, 0.3880, 0.2778

Rectangle

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



39.3989, 0.4304, 0.4349



39.3989, 0.3236, 0.4612



39.3989, 0.2007, 0.2200



39.3989, 0.2873, 0.2294

Sweetspot

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



39.4008, 0.4304, 0.4349



87.9879, 0.3441, 0.3623



18.9733, 0.4471, 0.2803



18.4736, 0.3493, 0.3675



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.



39.4008, 0.4304, 0.4349



60.4003, 0.4563, 0.4482



52.8550, 0.3797, 0.4855



12.4827, 0.3273, 0.3449



20.1138, 0.4870, 0.4516



1.1693, 0.4707, 0.4645

Inverse Universe

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



18.0558, 0.2046, 0.1866



22.0669, 0.1838, 0.1507



11.9625, 0.2084, 0.1357



11.4060, 0.2983, 0.3126



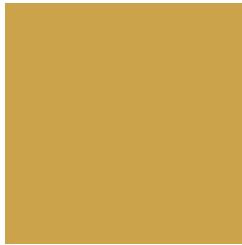
5.1781, 0.1622, 0.1040



0.4031, 0.1734, 0.1442

Previews

White Background



This preview shows how the Yxy color 39.3989, 0.4304, 0.4349 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 39.3989, 0.4304, 0.4349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

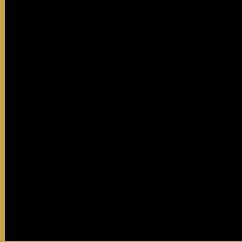
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3989, 0.4304, 0.4349

Background



This preview shows how black text looks on a background with the Yxy color 39.3989, 0.4304, 0.4349.



This preview shows how white text looks on a background with the Yxy color 39.3989, 0.4304, 0.4349.

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

39.3989, 0.4304, 0.4349

Protanopia

39.4766, 0.4082, 0.4474

Deuteranopia

39.5669, 0.4373, 0.4289



Tritanopia

39.2007, 0.3588, 0.3142

Trichromacy



Original Color

39.3989, 0.4304, 0.4349

Protanomaly

39.4967, 0.4165, 0.4432

Deuteranomaly

39.6279, 0.4345, 0.4309

Tritanomaly

39.0453, 0.3879, 0.3610

Monochromacy



Original Color

39.3989, 0.4304, 0.4349

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.8006, 0.3565, 0.3740

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3989, 0.4304, 0.4349 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(203, 163, 75)` looks like.

```
.text, #text, p{  
    color:rgb(203, 163, 75)  
}
```

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(203, 163, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 163, 75) }
```

Border

The CSS property to change the border of an element to Yxy 39.3989, 0.4304, 0.4349 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(203, 163, 75) }
```

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

```
.border{ border-color:rgb(203, 163, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 163, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 163, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 163, 75);  
box-shadow:4px 4px 4px 4px rgb(203, 163,  
75) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3989, 0.4304, 0.4349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 163, 75) }
```

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

```
.background{ background-color: rgb(203,  
163, 75) }
```

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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