

Converting Colors

$Yxy(39.3890, 0.4140, 0.4054)$

Have a look what the booklet for
Yxy(39.3890, 0.4140, 0.4054)
contains.

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Color

Yxy(39.3890, 0.4140, 0.4054)

Conversions

Conversions Part 1

Format	Color
Hex	CDA164
RGB	205, 161, 100
RGB Percent	80%, 63%, 39%
CMY	0.1961, 0.3686, 0.6077
CMYK	0.00, 0.21, 0.51, 0.20
HSL	35°, 51%, 60%
HSV	35°, 51%, 80%
XYZ	40.2246, 39.3890, 17.5472
YIQ	167.2020, 45.8050, -9.6430

Conversions

Conversions Part 2

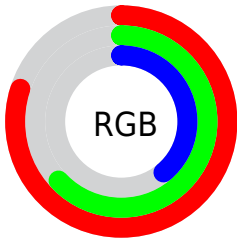
Format	Color
RYB	176, 205, 100
Decimal	13476196
CIELab	69.03, 8.88, 37.77
CIElCh	69, 38.798, 76.774
Yxy	39.3890, 0.4140, 0.4054
Android (android.graphics.Color)	4291666276 (0xFFCDA164)
YUV	167.2020, -33.1306, 33.1488
Hunter-Lab	62.7607, 4.5731, 27.3556

Details

The Yxy color **39.3890, 0.4140, 0.4054** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **27.0775, 0.2285, 0.2356**, and the grayscale version is **38.8976, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.6387, 0.3883, 0.3946**, and **17.6868, 0.4414, 0.4247** is the 20% darker color. If you saturate the color by 10%, you get **36.1412, 0.4381, 0.4177**, and if you desaturate by 10%, it is **42.9470, 0.3907, 0.3911**.

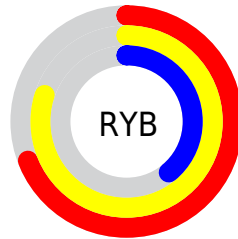
Distribution



Red (80%)

Green (63%)

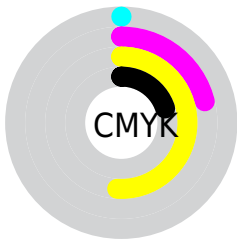
Blue (39%)



Red (69%)

Yellow (80%)

Blue (39%)

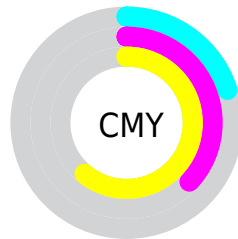


Cyan (0%)

Magenta (21%)

Yellow (51%)

Black (20%)



Cyan (20%)


Magenta (37%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3890, 0.4140, 0.4054 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 39.3890, 0.4140, 0.4054 by changing the saturation by 10% instead.


 39.3890, 0.4140,
0.4054


 39.3890, 0.4140,
0.4054

343.5415, 0.3628,
0.3685

 27.0625, 0.4265,
0.4137


 74.2322, 0.3955,
0.3926

 17.6202, 0.4420,
0.4235


 97.5177, 0.3885,
0.3876

 10.6776, 0.4617,
0.4350


 125.2249, 0.3826,
0.3833

 5.8505, 0.4866,
0.4477

 157.7383, 0.3775,
0.3795

 2.7544, 0.5301,
0.4699

195.4423, 0.3731,
0.3763

 1.0049, 0.5465,
0.4535

238.7212, 0.3692,

 0.0000, 1.0000,

0.3734

0.0000

287.9595, 0.3658,
0.3708

0.0000, 0.0000,
0.0000

39.3890, 0.4140,
0.4054

39.3890, 0.4140,
0.4054

36.1412, 0.4381,
0.4177

42.9470, 0.3907,
0.3911

33.1861, 0.4619,
0.4268

46.8202, 0.3688,
0.3758

30.5126, 0.4841,
0.4315

51.0208, 0.3487,
0.3603

28.1059, 0.5035,
0.4311

55.5583, 0.3306,
0.3451

26.1896, 0.5180,
0.4269

60.4417, 0.3145,
0.3307

■ 65.6797, 0.3003,
0.3171

■ 71.2805, 0.2877,
0.3046

■ 76.6563, 0.2816,
0.3021

■ 81.5514, 0.2822,
0.3114

Harmonies

Analogous

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



39.3890, 0.4271, 0.3643



39.3890, 0.4140, 0.4054



39.3890, 0.3734, 0.4312

Triad

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



39.3890, 0.4140, 0.4054



39.3890, 0.2263, 0.3281



39.3890, 0.2983, 0.2511

Complementary

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



39.3890, 0.4140, 0.4054



27.0775, 0.2285, 0.2356

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.



39.3890, 0.2486, 0.2390



39.3890, 0.4140, 0.4054



39.3890, 0.2103, 0.2773

Square

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



39.3890, 0.4140, 0.4054



39.3890, 0.2650, 0.3863



39.3890, 0.2181, 0.2470



39.3890, 0.3569, 0.2798

Rectangle

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



39.3890, 0.4140, 0.4054



39.3890, 0.3375, 0.4322



39.3890, 0.2181, 0.2470



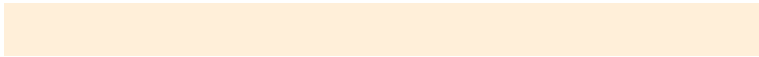
39.3890, 0.2800, 0.2450

Sweetspot

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



39.3909, 0.4140, 0.4054



87.9695, 0.3376, 0.3511



24.1612, 0.3926, 0.2719



18.4896, 0.3415, 0.3543



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.



39.3909, 0.4140, 0.4054



58.9066, 0.4395, 0.4183



56.5934, 0.3809, 0.4545



12.2778, 0.3276, 0.3425



16.4945, 0.5162, 0.4283



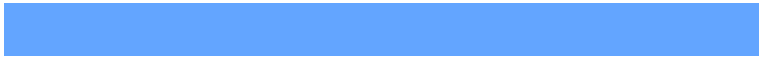
0.9989, 0.4924, 0.4473

Inverse Universe

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



27.0775, 0.2285, 0.2356



36.6849, 0.2117, 0.2120



16.6565, 0.2206, 0.1697



11.6039, 0.2983, 0.3152



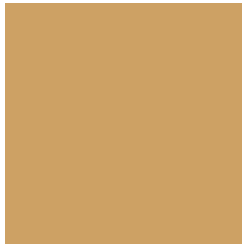
7.0600, 0.1704, 0.1334



0.5132, 0.1812, 0.1723

Previews

White Background



This preview shows how the Yxy color 39.3890, 0.4140, 0.4054 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 39.3890, 0.4140, 0.4054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

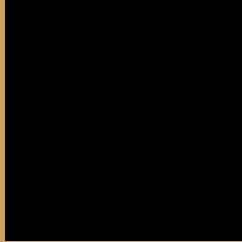
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3890, 0.4140, 0.4054

Background



This preview shows how black text looks on a background with the Yxy color 39.3890, 0.4140, 0.4054.



This preview shows how white text looks on a background with the Yxy color 39.3890, 0.4140, 0.4054.

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

39.3890, 0.4140, 0.4054

Protanopia

39.5456, 0.3852, 0.4185

Deuteranopia

39.3890, 0.4140, 0.4054



Tritanopia

39.3480, 0.3598, 0.3142

Trichromacy



Original Color

39.3890, 0.4140, 0.4054

Protanomaly

39.4382, 0.3959, 0.4134

Deuteranomaly

39.3890, 0.4140, 0.4054

Tritanomaly

39.2553, 0.3813, 0.3481

Monochromacy



Original Color

39.3890, 0.4140, 0.4054

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.7172, 0.3480, 0.3596

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3890, 0.4140, 0.4054 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(205, 161, 100)` looks like.

```
.text, #text, p{  
    color:rgb(205, 161, 100)  
}
```

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(205, 161, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 161, 100) }
```

Border

The CSS property to change the border of an element to Yxy 39.3890, 0.4140, 0.4054 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(205, 161, 100) }
```

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

```
.border{ border-color:rgb(205, 161, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 161, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 161, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 161, 100);  
box-shadow:4px 4px 4px 4px rgb(205, 161,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3890, 0.4140, 0.4054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 161, 100) }
```

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

```
.background{ background-color: rgb(205,  
161, 100) }
```

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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