

Converting Colors

Yxy(39.4162, 0.4208, 0.4181)

Have a look what the booklet for
Yxy(39.4162, 0.4208, 0.4181)
contains.

Yxy(39.4162, 0.4208, 0.4181)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.4162, 0.4208, 0.4181)

Conversions

Conversions Part 1

Format	Color
Hex	CCA25A
RGB	204, 162, 90
RGB Percent	80%, 64%, 35%
CMY	0.1999, 0.3647, 0.6471
CMYK	0.00, 0.21, 0.56, 0.20
HSL	38°, 53%, 58%
HSV	38°, 56%, 80%
XYZ	39.6707, 39.4162, 15.1876
YIQ	166.3500, 48.1440, -13.4880

Conversions

Conversions Part 2

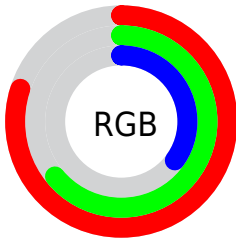
Format	Color
RYB	157, 204, 90
Decimal	13410906
CIELab	69.05, 7.06, 42.92
CIELCh	69, 43.495, 80.657
Yxy	39.4162, 0.4208, 0.4181
Android (android.graphics.Color)	4291600986 (0xFFCCA25A)
YUV	166.3500, -37.6405, 33.0191
Hunter-Lab	62.7823, 2.9211, 29.6048

Details

The Yxy color **39.4162, 0.4208, 0.4181** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **23.0386, 0.2189, 0.2158**, and the grayscale version is **38.4810, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.8387, 0.3948, 0.4054**, and **17.7320, 0.4483, 0.4387** is the 20% darker color. If you saturate the color by 10%, you get **36.5471, 0.4429, 0.4301**, and if you desaturate by 10%, it is **42.5428, 0.3986, 0.4035**.

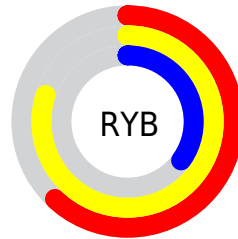
Distribution



Red (80%)

Green (64%)

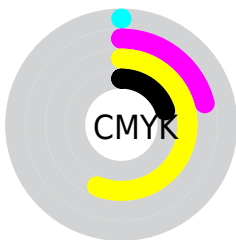
Blue (35%)



Red (62%)

Yellow (80%)

Blue (35%)

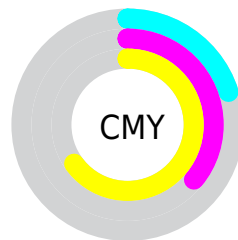


Cyan (0%)

Magenta (21%)

Yellow (56%)

Black (20%)



Cyan (20%)


Magenta (36%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4162, 0.4208, 0.4181 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 39.4162, 0.4208, 0.4181 by changing the saturation by 10% instead.


 39.4162, 0.4208,
0.4181


 39.4162, 0.4208,
0.4181


343.6568, 0.3668,
0.3753

 27.0837, 0.4335,
0.4275


 74.2737, 0.4016,
0.4033


 17.6361, 0.4491,
0.4385


 97.5674, 0.3942,
0.3975

 10.6890, 0.4682,
0.4511


 125.2837, 0.3879,
0.3925

 5.8581, 0.4936,
0.4665

 157.8069, 0.3825,
0.3881

 2.7590, 0.5215,
0.4785

195.5214, 0.3778,
0.3843

 1.0072, 0.5348,
0.4652

238.8116, 0.3737,

 0.0000, 1.0000,

0.3809

0.0000

288.0619, 0.3700,
0.3780

■ 0.0000, 0.0000,
0.0000

■ 39.4162, 0.4208,
0.4181

■ 39.4162, 0.4208,
0.4181

■ 36.5471, 0.4429,
0.4301

■ 42.5428, 0.3986,
0.4035

■ 33.9191, 0.4638,
0.4383

■ 45.9309, 0.3772,
0.3874

■ 31.5219, 0.4824,
0.4417

■ 49.5915, 0.3571,
0.3707

■ 29.3410, 0.4977,
0.4400

■ 53.5331, 0.3385,
0.3541

■ 28.4976, 0.5036,
0.4384

■ 57.7637, 0.3218,
0.3381

■ 62.2907, 0.3067,
0.3229

■ 67.1214, 0.2934,
0.3087

■ 72.2627, 0.2815,
0.2955

■ 76.4643, 0.2810,
0.3019

Harmonies

Analogous

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



39.4162, 0.4409, 0.3732



39.4162, 0.4208, 0.4181



39.4162, 0.3721, 0.4451

Triad

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



39.4162, 0.4208, 0.4181



39.4162, 0.2130, 0.3189



39.4162, 0.3044, 0.2461

Complementary

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



39.4162, 0.4208, 0.4181



23.0386, 0.2189, 0.2158

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.



39.4162, 0.2474, 0.2301



39.4162, 0.4208, 0.4181



39.4162, 0.1991, 0.2649

Square

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



39.4162, 0.4208, 0.4181



39.4162, 0.2523, 0.3856



39.4162, 0.2110, 0.2354



39.4162, 0.3702, 0.2794

Rectangle

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



39.4162, 0.4208, 0.4181



39.4162, 0.3313, 0.4438



39.4162, 0.2110, 0.2354



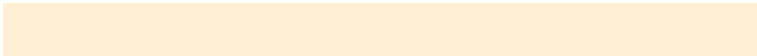
39.4162, 0.2836, 0.2387

Sweetspot

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



39.4181, 0.4208, 0.4181



87.7439, 0.3409, 0.3563



21.8635, 0.4124, 0.2745



18.4911, 0.3446, 0.3597



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.



39.4181, 0.4208, 0.4181



59.6206, 0.4471, 0.4320



54.9710, 0.3810, 0.4669



12.3746, 0.3275, 0.3436



18.1165, 0.5021, 0.4396



1.0765, 0.4818, 0.4556

Inverse Universe

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



23.0386, 0.2189, 0.2158



30.0125, 0.2000, 0.1865



14.5723, 0.2155, 0.1556



11.5098, 0.2983, 0.3140



6.0898, 0.1663, 0.1187



0.4582, 0.1774, 0.1587

Previews

White Background



This preview shows how the Yxy color 39.4162, 0.4208, 0.4181 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 39.4162, 0.4208, 0.4181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

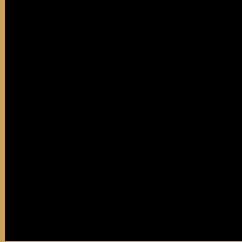
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.4162, 0.4208, 0.4181

Background



This preview shows how black text looks on a background with the Yxy color 39.4162, 0.4208, 0.4181.



This preview shows how white text looks on a background with the Yxy color 39.4162, 0.4208, 0.4181.

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

39.4162, 0.4208, 0.4181

Protanopia

39.5877, 0.3962, 0.4312

Deuteranopia

39.4933, 0.4245, 0.4158



Tritanopia

39.2007, 0.3588, 0.3142

Trichromacy



Original Color

39.4162, 0.4208, 0.4181

Protanomaly

39.3652, 0.4060, 0.4260

Deuteranomaly

39.3497, 0.4235, 0.4162

Tritanomaly

39.0218, 0.3833, 0.3520

Monochromacy



Original Color

39.4162, 0.4208, 0.4181

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.4485, 0.3516, 0.3667

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4162, 0.4208, 0.4181 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(204, 162, 90)` looks like.

```
.text, #text, p{  
    color:rgb(204, 162, 90)  
}
```

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(204, 162, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 162, 90) }
```

Border

The CSS property to change the border of an element to Yxy 39.4162, 0.4208, 0.4181 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(204, 162, 90) }
```

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

```
.border{ border-color:rgb(204, 162, 90) }
```

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

Here you see how a box with a 4 pixel rgb(204, 162, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 162, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 162, 90);  
box-shadow:4px 4px 4px 4px rgb(204, 162,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4162, 0.4208, 0.4181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 162, 90) }
```

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

```
.background{ background-color: rgb(204,  
162, 90) }
```

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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