

Converting Colors

$Yxy(39.6129, 0.4377, 0.4042)$

Have a look what the booklet for
Yxy(39.6129, 0.4377, 0.4042)
contains.

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Color

Yxy(39.4551, 0.4375, 0.4039)

Conversions

Conversions Part 1

Format	Color
Hex	DA9C5C
RGB	218, 156, 92
RGB Percent	85%, 61%, 36%
CMY	0.1450, 0.3882, 0.6391
CMYK	0.00, 0.28, 0.58, 0.15
HSL	30°, 63%, 61%
HSV	30°, 58%, 85%
XYZ	42.7373, 39.4551, 15.4929
YIQ	167.2420, 57.4960, -6.7600

Conversions

Conversions Part 2

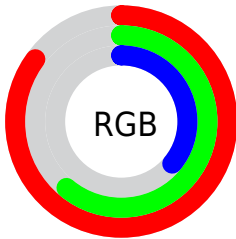
Format	Color
R_{YB}	214, 218, 92
Decimal	14326876
CIE Lab	69.08, 16.33, 42.28
CIE LCh	69, 45.321, 68.879
Yxy	39.4551, 0.4375, 0.4039
Android (android.graphics.Color)	4292516956 (0xFFDA9C5C)
YUV	167.2420, -37.0943, 44.5148
Hunter-Lab	62.8133, 11.5257, 29.3454

Details

The Yxy color **39.4551, 0.4375, 0.4039** 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 **30.4621, 0.2206, 0.2347**, and the grayscale version is **38.9333, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.8621, 0.3961, 0.3978**, and **17.7512, 0.4714, 0.4187** is the 20% darker color. If you saturate the color by 10%, you get **35.6852, 0.4648, 0.4126**, and if you desaturate by 10%, it is **43.6568, 0.4109, 0.3924**.

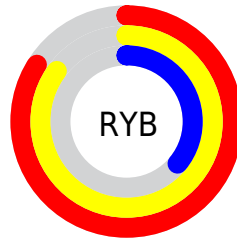
Distribution



Red (85%)

Green (61%)

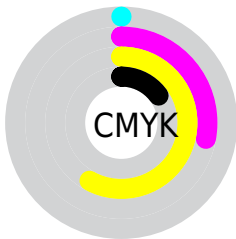
Blue (36%)



Red (84%)

Yellow (85%)

Blue (36%)

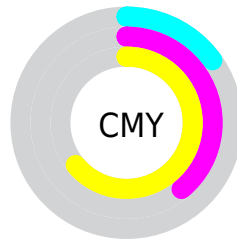


Cyan (0%)

Magenta (28%)

Yellow (58%)

Black (15%)



Cyan (15%)


Magenta (39%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4551, 0.4375, 0.4039 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 39.4551, 0.4375, 0.4039 by changing the saturation by 10% instead.

 39.4551, 0.4375,
0.4039


 39.4551, 0.4375,
0.4039


343.8215, 0.3746,
0.3696

 27.1139, 0.4526,
0.4108


 74.3330, 0.4149,
0.3925

 17.6588, 0.4713,
0.4184


 97.6386, 0.4063,
0.3879

 10.7053, 0.4946,
0.4262


 125.3678, 0.3990,
0.3838

 5.8690, 0.5254,
0.4339

 157.9050, 0.3927,
0.3803

 2.7656, 0.5639,
0.4361

195.6345, 0.3873,
0.3771

 1.0106, 0.5918,
0.4082

238.9409, 0.3825,

 0.0000, 1.0000,

0.3743

0.0000

288.2084, 0.3783,
0.3718

■ 0.0000, 0.0000,
0.0000

■ 39.4551, 0.4375,
0.4039

■ 39.4551, 0.4375,
0.4039

■ 35.6852, 0.4648,
0.4126

■ 43.6568, 0.4109,
0.3924

■ 32.3234, 0.4914,
0.4173

■ 48.3008, 0.3860,
0.3793

■ 29.3516, 0.5155,
0.4169

■ 53.4045, 0.3633,
0.3656

■ 26.7451, 0.5357,
0.4110

■ 58.9822, 0.3430,
0.3519

■ 26.2120, 0.5400,
0.4094

■ 65.0477, 0.3251,
0.3388

■ 71.6139, 0.3094,
0.3263

■ 78.6933, 0.2958,
0.3147

■ 85.5395, 0.2901,
0.3154

■ 92.1105, 0.2905,
0.3265

Harmonies

Analogous

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



39.4551, 0.4436, 0.3543



39.4551, 0.4375, 0.4039



39.4551, 0.3966, 0.4420

Triad

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



39.4551, 0.4375, 0.4039



39.4551, 0.2221, 0.3454



39.4551, 0.2787, 0.2343

Complementary

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



39.4551, 0.4375, 0.4039



30.4621, 0.2206, 0.2347

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.



39.4551, 0.2272, 0.2259



39.4551, 0.4375, 0.4039



39.4551, 0.1974, 0.2813

Square

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



39.4551, 0.4375, 0.4039



39.4551, 0.2717, 0.4128



39.4551, 0.1995, 0.2406



39.4551, 0.3458, 0.2623

Rectangle

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



39.4551, 0.4375, 0.4039



39.4551, 0.3571, 0.4519



39.4551, 0.1995, 0.2406



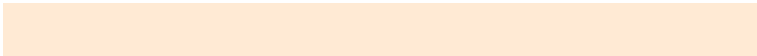
39.4551, 0.2592, 0.2291

Sweetspot

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



39.4570, 0.4375, 0.4039



84.6496, 0.3418, 0.3511



24.9326, 0.3970, 0.2560



17.7596, 0.3457, 0.3538



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.



39.4570, 0.4375, 0.4039



49.9769, 0.4697, 0.4138



65.8299, 0.3948, 0.4648



14.1391, 0.3279, 0.3409



15.9177, 0.5378, 0.4112



1.2036, 0.5133, 0.4306

Inverse Universe

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



30.4621, 0.2206, 0.2347



36.0313, 0.2043, 0.2112



14.9971, 0.2009, 0.1442



13.6703, 0.2982, 0.3168



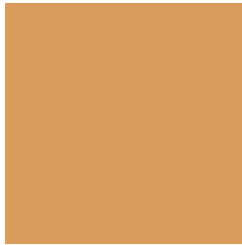
9.5847, 0.1767, 0.1560



0.7932, 0.1850, 0.1858

Previews

White Background



This preview shows how the Yxy color 39.4551, 0.4375, 0.4039 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 39.4551, 0.4375, 0.4039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

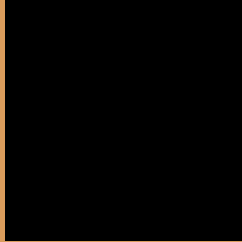
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.4551, 0.4375, 0.4039

Background



This preview shows how black text looks on a background with the Yxy color 39.4551, 0.4375, 0.4039.



This preview shows how white text looks on a background with the Yxy color 39.4551, 0.4375, 0.4039.

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

39.4551, 0.4375, 0.4039

Protanopia

39.5533, 0.3912, 0.4256

Deuteranopia

39.5105, 0.4237, 0.4147



Tritanopia

39.3710, 0.3796, 0.3161

Trichromacy



Original Color

39.4551, 0.4375, 0.4039

Protanomaly

39.2475, 0.4082, 0.4176

Deuteranomaly

39.4005, 0.4292, 0.4109

Tritanomaly

39.2546, 0.4018, 0.3485

Monochromacy



Original Color

39.4551, 0.4375, 0.4039

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.5269, 0.3564, 0.3606

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4551, 0.4375, 0.4039 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(218, 156, 92)` looks like.

```
.text, #text, p{  
    color:rgb(218, 156, 92)  
}
```

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(218, 156, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 156, 92) }
```

Border

The CSS property to change the border of an element to Yxy 39.4551, 0.4375, 0.4039 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(218, 156, 92) }
```

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

```
.border{ border-color:rgb(218, 156, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 156, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 156, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 156, 92);  
box-shadow:4px 4px 4px 4px rgb(218, 156,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4551, 0.4375, 0.4039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 156, 92) }
```

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

```
.background{ background-color: rgb(218,  
156, 92) }
```

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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