

Converting Colors

$Yxy(39.3471, 0.4195, 0.3920)$

Have a look what the booklet for
Yxy(39.3471, 0.4195, 0.3920)
contains.

Yxy(39.3007, 0.4193, 0.3914)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.3007, 0.4193, 0.3914)

Conversions

Conversions Part 1

Format	Color
Hex	D59D6A
RGB	213, 157, 106
RGB Percent	84%, 62%, 42%
CMY	0.1647, 0.3843, 0.5842
CMYK	0.00, 0.26, 0.50, 0.16
HSL	29°, 56%, 63%
HSV	29°, 50%, 84%
XYZ	42.1022, 39.3007, 19.0077
YIQ	167.9300, 49.7470, -3.9890

Conversions

Conversions Part 2

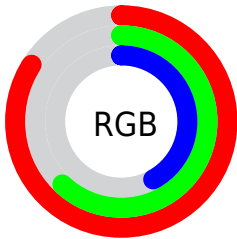
Format	Color
R _Y B	213, 203, 106
Decimal	13999466
CIE Lab	68.97, 14.90, 34.72
CIE LCh	69, 37.783, 66.770
Yxy	39.3007, 0.4193, 0.3914
Android (android.graphics.Color)	4292189546 (0xFFD59D6A)
YUV	167.9300, -30.5315, 39.5264
Hunter-Lab	62.6903, 10.1708, 25.9064

Details

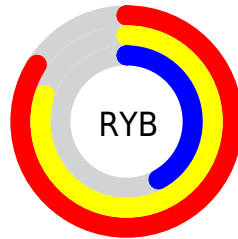
The Yxy color **39.3007, 0.4193, 0.3914** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **33.7218, 0.2332, 0.2546**, and the grayscale version is **39.2582, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.8156, 0.3855, 0.3848**, and **17.6714, 0.4504, 0.4060** is the 20% darker color. If you saturate the color by 10%, you get **35.3102, 0.4473, 0.4016**, and if you desaturate by 10%, it is **43.7495, 0.3930, 0.3794**.

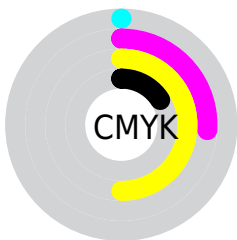
Distribution



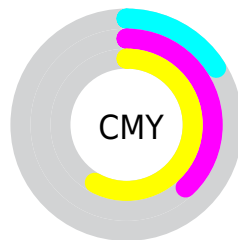
- Red (84%)
- Green (62%)
- Blue (42%)



- Red (84%)
- Yellow (80%)
- Blue (42%)



- Cyan (0%)
- Magenta (26%)
- Yellow (50%)
- Black (16%)





- Cyan (16%)
- Magenta (38%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3007, 0.4193, 0.3914 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 39.3007, 0.4193, 0.3914 by changing the saturation by 10% instead.


 39.3007, 0.4193,
0.3914


 39.3007, 0.4193,
0.3914


343.1672, 0.3649,
0.3620

 26.9937, 0.4328,
0.3978


 74.0975, 0.3995,
0.3814


 17.5685, 0.4499,
0.4052


 97.3560, 0.3920,
0.3774

 10.6407, 0.4719,
0.4135


 125.0340, 0.3857,
0.3739

 5.8258, 0.5008,
0.4219

 157.5156, 0.3803,
0.3709

 2.7394, 0.5578,
0.4422

195.1853, 0.3757,
0.3683

 0.9973, 0.5838,
0.4162

238.4276, 0.3716,

 0.0000, 1.0000,

0.3659

0.0000

287.6268, 0.3680,
0.3639

0.0000, 0.0000,
0.0000

39.3007, 0.4193,
0.3914

39.3007, 0.4193,
0.3914

35.3102, 0.4473,
0.4016

43.7495, 0.3930,
0.3794

31.7548, 0.4760,
0.4088

48.6672, 0.3692,
0.3665

28.6174, 0.5037,
0.4117

54.0710, 0.3480,
0.3536

25.8767, 0.5285,
0.4093

59.9753, 0.3293,
0.3411

23.5517, 0.5490,
0.4023

66.3940, 0.3131,
0.3293

■ 73.3403, 0.2989,
0.3182

■ 80.8185, 0.2868,
0.3081

■ 87.4077, 0.2873,
0.3199

■ 92.8877, 0.2877,
0.3289

Harmonies

Analogous

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



39.3007, 0.4211, 0.3491



39.3007, 0.4193, 0.3914



39.3007, 0.3875, 0.4229

Triad

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



39.3007, 0.4193, 0.3914



39.3007, 0.2388, 0.3474



39.3007, 0.2809, 0.2469

Complementary

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



39.3007, 0.4193, 0.3914



33.7218, 0.2332, 0.2546

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.



39.3007, 0.2379, 0.2413



39.3007, 0.4193, 0.3914



39.3007, 0.2153, 0.2934

Square

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



39.3007, 0.4193, 0.3914



39.3007, 0.2826, 0.4009



39.3007, 0.2152, 0.2564



39.3007, 0.3368, 0.2700

Rectangle

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



39.3007, 0.4193, 0.3914



39.3007, 0.3551, 0.4309



39.3007, 0.2152, 0.2564



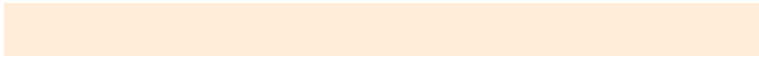
39.3007, 0.2646, 0.2429

Sweetspot

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



39.3026, 0.4193, 0.3914



85.6594, 0.3382, 0.3472



27.1074, 0.3764, 0.2602



17.9337, 0.3422, 0.3499



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.



39.3026, 0.4193, 0.3914



52.8412, 0.4484, 0.4020



61.0078, 0.3877, 0.4467



13.3872, 0.3279, 0.3401



14.5867, 0.5467, 0.4041



1.0450, 0.5190, 0.4261

Inverse Universe

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



33.7218, 0.2332, 0.2546



43.5407, 0.2181, 0.2357



18.9331, 0.2179, 0.1756



13.0738, 0.2982, 0.3176



10.1532, 0.1796, 0.1666



0.7777, 0.1880, 0.1968

Previews

White Background



This preview shows how the Yxy color 39.3007, 0.4193, 0.3914 looks on a white background.

Color Contrast Check

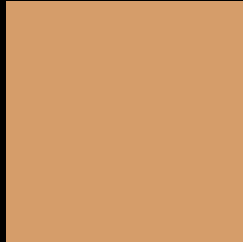
Large Text (above 18pt) WCAG AA × Fail

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 39.3007, 0.4193, 0.3914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

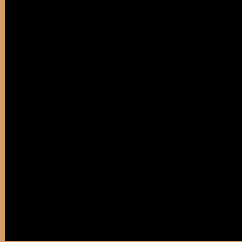
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3007, 0.4193, 0.3914

Background



This preview shows how black text looks on a background with the Yxy color 39.3007, 0.4193, 0.3914.

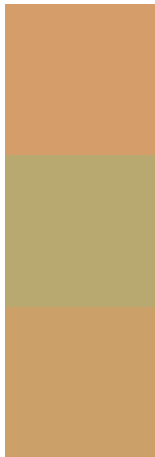


This preview shows how white text looks on a background with the Yxy color 39.3007, 0.4193, 0.3914.

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

39.3007, 0.4193, 0.3914

Protanopia

39.5909, 0.3774, 0.4085

Deuteranopia

39.3470, 0.4086, 0.3999



Tritanopia

39.2913, 0.3718, 0.3158

Trichromacy



Original Color

39.3007, 0.4193, 0.3914

Protanomaly

39.4837, 0.3924, 0.4029

Deuteranomaly

39.4269, 0.4122, 0.3978

Tritanomaly

39.3045, 0.3896, 0.3440

Monochromacy



Original Color

39.3007, 0.4193, 0.3914

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.7856, 0.3494, 0.3552

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3007, 0.4193, 0.3914 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(213, 157, 106)` looks like.

```
.text, #text, p{  
    color:rgb(213, 157, 106)  
}
```

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(213, 157, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 157, 106) }
```

Border

The CSS property to change the border of an element to Yxy 39.3007, 0.4193, 0.3914 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(213, 157, 106) }
```

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

```
.border{ border-color:rgb(213, 157, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 157, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 157, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 157, 106);  
box-shadow:4px 4px 4px 4px rgb(213, 157,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3007, 0.4193, 0.3914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 157, 106) }
```

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

```
.background{ background-color: rgb(213,  
157, 106) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor