

Converting Colors

$Yxy(39.3694, 0.3959, 0.4023)$

Have a look what the booklet for
Yxy(39.3694, 0.3959, 0.4023)
contains.

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Color

Yxy(39.3694, 0.3959, 0.4023)

Conversions

Conversions Part 1

Format	Color
Hex	C4A46C
RGB	196, 164, 108
RGB Percent	77%, 64%, 42%
CMY	0.2315, 0.3568, 0.5764
CMYK	0.00, 0.16, 0.45, 0.23
HSL	38°, 43%, 60%
HSV	38°, 45%, 77%
XYZ	38.7431, 39.3694, 19.7483
YIQ	167.1840, 37.0480, -10.6320

Conversions

Conversions Part 2

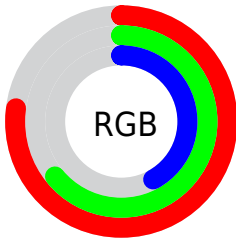
Format	Color
RYB	158, 196, 108
Decimal	12887148
CIELab	69.02, 4.27, 33.37
CIELCh	69, 33.644, 82.707
Yxy	39.3694, 0.3959, 0.4023
Android (android.graphics.Color)	4291077228 (0xFFC4A46C)
YUV	167.1840, -29.1777, 25.2716
Hunter-Lab	62.7450, 0.4143, 25.2607

Details

The Yxy color **39.3694, 0.3959, 0.4023** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **25.9232, 0.2378, 0.2416**, and the grayscale version is **38.8699, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.2719, 0.3807, 0.3897**, and **17.4796, 0.4195, 0.4215** is the 20% darker color. If you saturate the color by 10%, you get **36.5215, 0.4178, 0.4172**, and if you desaturate by 10%, it is **42.4575, 0.3748, 0.3860**.

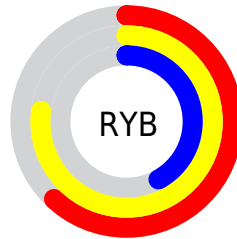
Distribution



Red (77%)

Green (64%)

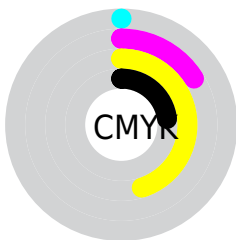
Blue (42%)



Red (62%)

Yellow (77%)

Blue (42%)

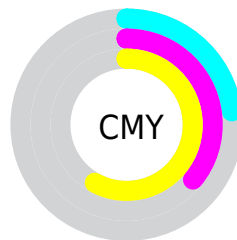


Cyan (0%)

Magenta (16%)

Yellow (45%)

Black (23%)



Cyan (23%)


Magenta (36%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3694, 0.3959, 0.4023 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 39.3694, 0.3959, 0.4023 by changing the saturation by 10% instead.


 39.3694, 0.3959,
0.4023

 39.3694, 0.3959,
0.4023


343.4585, 0.3537,
0.3659


 27.0472, 0.4063,
0.4109


 74.2023, 0.3806,
0.3893

 17.6087, 0.4193,
0.4216


 97.4818, 0.3749,
0.3844

 10.6694, 0.4361,
0.4349


 125.1825, 0.3700,
0.3801

 5.8450, 0.4578,
0.4512

 157.6889, 0.3658,
0.3765

 2.7511, 0.5082,
0.4918

195.3853, 0.3622,
0.3733

 1.0032, 0.5164,
0.4836

238.6561, 0.3590,

 0.0000, 1.0000,

0.3706

0.0000

287.8857, 0.3562,
0.3681

0.0000, 0.0000,
0.0000

39.3694, 0.3959,
0.4023

39.3694, 0.3959,
0.4023

36.5215, 0.4178,
0.4172

42.4575, 0.3748,
0.3860

33.8996, 0.4397,
0.4296

45.7884, 0.3549,
0.3692

31.4961, 0.4605,
0.4384

49.3713, 0.3367,
0.3526

29.3002, 0.4792,
0.4425

53.2134, 0.3202,
0.3365

27.2993, 0.4947,
0.4415

57.3213, 0.3053,
0.3214

■ 26.3399, 0.5019,
0.4397

■ 61.7016, 0.2921,
0.3072

■ 66.3604, 0.2804,
0.2941

■ 70.6564, 0.2754,
0.2919

■ 74.4966, 0.2760,
0.2998

Harmonies

Analogous

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



39.3694, 0.4122, 0.3686



39.3694, 0.3959, 0.4023



39.3694, 0.3574, 0.4191

Triad

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



39.3694, 0.3959, 0.4023



39.3694, 0.2326, 0.3191



39.3694, 0.3104, 0.2643

Complementary

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



39.3694, 0.3959, 0.4023



25.9232, 0.2378, 0.2416

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.



39.3694, 0.2643, 0.2505



39.3694, 0.3959, 0.4023



39.3694, 0.2223, 0.2777

Square

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



39.3694, 0.3959, 0.4023



39.3694, 0.2634, 0.3690



39.3694, 0.2334, 0.2543



39.3694, 0.3608, 0.2923

Rectangle

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



39.3694, 0.3959, 0.4023



39.3694, 0.3253, 0.4151



39.3694, 0.2334, 0.2543



39.3694, 0.2938, 0.2579

Sweetspot

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



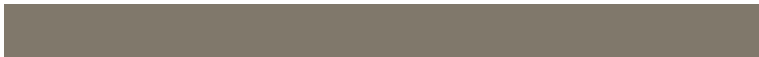
39.3713, 0.3959, 0.4023



90.5997, 0.3338, 0.3498



24.3623, 0.3862, 0.2862



19.0681, 0.3377, 0.3535



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.



39.3713, 0.3959, 0.4023



66.1967, 0.4177, 0.4171



50.7728, 0.3682, 0.4423



11.1228, 0.3273, 0.3436



17.0975, 0.5004, 0.4409



0.8660, 0.4779, 0.4588

Inverse Universe

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



25.9232, 0.2378, 0.2416



38.7835, 0.2207, 0.2177



18.6876, 0.2391, 0.1940



10.3338, 0.2984, 0.3139



5.6250, 0.1660, 0.1177



0.3747, 0.1789, 0.1641

Previews

White Background



This preview shows how the Yxy color 39.3694, 0.3959, 0.4023 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 39.3694, 0.3959, 0.4023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

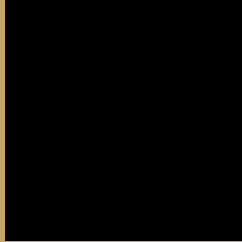
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3694, 0.3959, 0.4023

Background



This preview shows how black text looks on a background with the Yxy color 39.3694, 0.3959, 0.4023.



This preview shows how white text looks on a background with the Yxy color 39.3694, 0.3959, 0.4023.

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

39.3694, 0.3959, 0.4023

Protanopia

39.5690, 0.3783, 0.4098

Deuteranopia

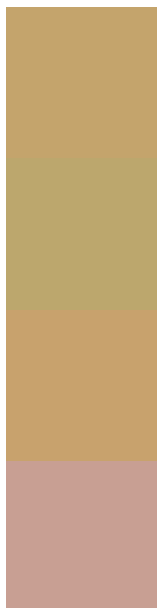
39.2904, 0.4039, 0.3954



Tritanopia

39.1981, 0.3461, 0.3125

Trichromacy



Original Color

39.3694, 0.3959, 0.4023

Protanomaly

39.4329, 0.3853, 0.4071

Deuteranomaly

39.2241, 0.4003, 0.3975

Tritanomaly

39.1822, 0.3650, 0.3448

Monochromacy



Original Color

39.3694, 0.3959, 0.4023

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.8127, 0.3420, 0.3570

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3694, 0.3959, 0.4023 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(196, 164, 108)` looks like.

```
.text, #text, p{  
    color:rgb(196, 164, 108)  
}
```

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(196, 164, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 164, 108) }
```

Border

The CSS property to change the border of an element to Yxy 39.3694, 0.3959, 0.4023 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(196, 164, 108) }
```

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

```
.border{ border-color:rgb(196, 164, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 164, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 164, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 164, 108);  
box-shadow:4px 4px 4px 4px rgb(196, 164,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3694, 0.3959, 0.4023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 164, 108) }
```

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

```
.background{ background-color: rgb(196,  
164, 108) }
```

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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