

Converting Colors

$Yxy(39.6722, 0.3957, 0.3903)$

Have a look what the booklet for
Yxy(39.6722, 0.3957, 0.3903)
contains.

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Color

Yxy(39.4960, 0.3958, 0.3898)

Conversions

Conversions Part 1

Format	Color
Hex	C9A273
RGB	201, 162, 115
RGB Percent	79%, 64%, 45%
CMY	0.2117, 0.3647, 0.5491
CMYK	0.00, 0.19, 0.43, 0.21
HSL	33°, 44%, 62%
HSV	33°, 43%, 79%
XYZ	40.1039, 39.4960, 21.7238
YIQ	168.3030, 38.3310, -6.3490

Conversions

Conversions Part 2

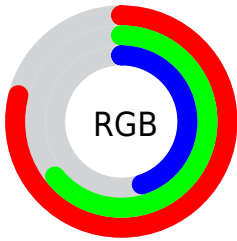
Format	Color
RYB	186, 201, 115
Decimal	13214323
CIELab	69.11, 8.17, 29.87
CIElCh	69, 30.970, 74.706
Yxy	39.4960, 0.3958, 0.3898
Android (android.graphics.Color)	4291404403 (0xFFC9A273)
YUV	168.3030, -26.2784, 28.6753
Hunter-Lab	62.8458, 3.9263, 23.4974

Details

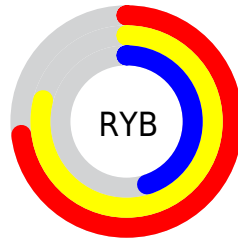
The Yxy color **39.4960, 0.3958, 0.3898** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.9706, 0.2434, 0.2584**, and the grayscale version is **39.4329, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.6757, 0.3771, 0.3805**, and **17.5650, 0.4203, 0.4049** is the 20% darker color. If you saturate the color by 10%, you get **35.9886, 0.4203, 0.4031**, and if you desaturate by 10%, it is **43.3408, 0.3729, 0.3754**.

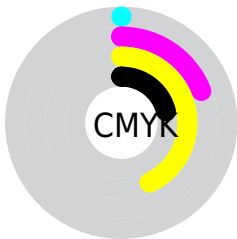
Distribution



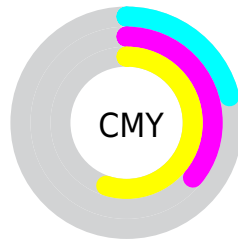
- Red (79%)
- Green (64%)
- Blue (45%)



- Red (73%)
- Yellow (79%)
- Blue (45%)



- Cyan (0%)
- Magenta (19%)
- Yellow (43%)
- Black (21%)





- Cyan (21%)
- Magenta (36%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.4960, 0.3958, 0.3898 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 39.4960, 0.3958, 0.3898 by changing the saturation by 10% instead.


 39.4960, 0.3958,
0.3898


 39.4960, 0.3958,
0.3898

343.9947, 0.3533,
0.3599


 27.1458, 0.4064,
0.3968


 74.3954, 0.3803,
0.3792

 17.6828, 0.4200,
0.4055


 97.7134, 0.3745,
0.3751

 10.7225, 0.4378,
0.4162


 125.4562, 0.3696,
0.3717

 5.8805, 0.4616,
0.4292

158.0081, 0.3654,
0.3687

 2.7726, 0.5081,
0.4565

195.7535, 0.3618,
0.3661

 1.0142, 0.5418,
0.4582

239.0768, 0.3586,

 0.0000, 1.0000,

0.3638

0.0000

288.3624, 0.3558,
0.3618

■ 0.0000, 0.0000,
0.0000

■ 39.4960, 0.3958,
0.3898

■ 39.4960, 0.3958,
0.3898

■ 35.9886, 0.4203,
0.4031

■ 43.3408, 0.3729,
0.3754

■ 32.8015, 0.4457,
0.4143

■ 47.5282, 0.3521,
0.3608

■ 29.9242, 0.4709,
0.4220

■ 52.0703, 0.3335,
0.3464

■ 27.3427, 0.4945,
0.4253

■ 56.9767, 0.3170,
0.3327

■ 25.0415, 0.5149,
0.4232

■ 62.2566, 0.3024,
0.3198

■ 23.5412, 0.5279,
0.4191

■ 67.9189, 0.2897,
0.3079

■ 73.9274, 0.2789,
0.2976

■ 79.0117, 0.2796,
0.3075

■ 84.3634, 0.2803,
0.3174

Harmonies

Analogous

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



39.4960, 0.4037, 0.3566



39.4960, 0.3958, 0.3898



39.4960, 0.3651, 0.4099

Triad

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



39.4960, 0.3958, 0.3898



39.4960, 0.2446, 0.3323



39.4960, 0.2985, 0.2641

Complementary

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



39.4960, 0.3958, 0.3898



30.9706, 0.2434, 0.2584

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.



39.4960, 0.2588, 0.2555



39.4960, 0.3958, 0.3898



39.4960, 0.2296, 0.2908

Square

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



39.4960, 0.3958, 0.3898



39.4960, 0.2776, 0.3768



39.4960, 0.2346, 0.2641



39.4960, 0.3451, 0.2871

Rectangle

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



39.4960, 0.3958, 0.3898



39.4960, 0.3368, 0.4107



39.4960, 0.2346, 0.2641



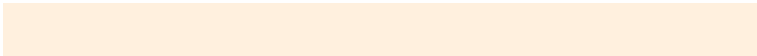
39.4960, 0.2839, 0.2595

Sweetspot

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



39.4979, 0.3958, 0.3898



88.8271, 0.3342, 0.3470



27.0478, 0.3704, 0.2772



18.6298, 0.3382, 0.3501



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.



39.4979, 0.3958, 0.3898



62.2316, 0.4176, 0.4017



55.0421, 0.3734, 0.4344



11.5815, 0.3276, 0.3416



14.9849, 0.5259, 0.4206



0.8529, 0.4978, 0.4429

Inverse Universe

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



30.9706, 0.2434, 0.2584



45.8251, 0.2289, 0.2404



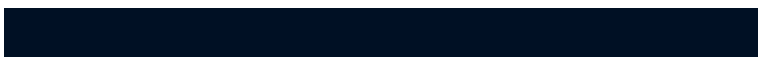
20.3163, 0.2357, 0.1985



11.0664, 0.2983, 0.3160



7.5497, 0.1734, 0.1442



0.5017, 0.1846, 0.1845

Previews

White Background



This preview shows how the Yxy color 39.4960, 0.3958, 0.3898 looks on a white background.

Color Contrast Check

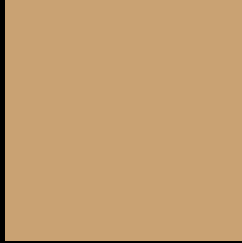
Large Text (above 18pt) WCAG AA × Fail

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 39.4960, 0.3958, 0.3898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

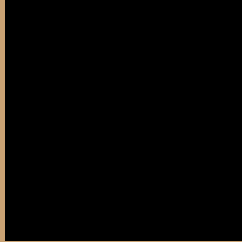
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.4960, 0.3958, 0.3898

Background



This preview shows how black text looks on a background with the Yxy color 39.4960, 0.3958, 0.3898.



This preview shows how white text looks on a background with the Yxy color 39.4960, 0.3958, 0.3898.

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

39.4960, 0.3958, 0.3898

Protanopia

39.6290, 0.3703, 0.3994

Deuteranopia

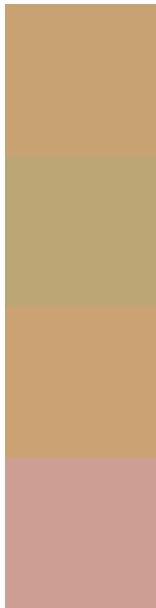
39.6350, 0.3968, 0.3895



Tritanopia

39.3545, 0.3523, 0.3140

Trichromacy



Original Color

39.4960, 0.3958, 0.3898

Protanomaly

39.3756, 0.3797, 0.3952

Deuteranomaly

39.6350, 0.3968, 0.3895

Tritanomaly

39.4292, 0.3684, 0.3420

Monochromacy



Original Color

39.4960, 0.3958, 0.3898

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.1457, 0.3412, 0.3526

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4960, 0.3958, 0.3898 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(201, 162, 115)` looks like.

```
.text, #text, p{  
    color:rgb(201, 162, 115)  
}
```

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(201, 162, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 162, 115) }
```

Border

The CSS property to change the border of an element to Yxy 39.4960, 0.3958, 0.3898 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(201, 162, 115) }
```

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

```
.border{ border-color:rgb(201, 162, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 162, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 162, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 162, 115);  
box-shadow:4px 4px 4px 4px rgb(201, 162,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4960, 0.3958, 0.3898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 162, 115) }
```

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

```
.background{ background-color: rgb(201,  
162, 115) }
```

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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