

Converting Colors

$Yxy(39.5831, 0.3950, 0.3993)$

Have a look what the booklet for
Yxy(39.5831, 0.3950, 0.3993)
contains.

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Color

Yxy(39.5470, 0.3952, 0.3995)

Conversions

Conversions Part 1

Format	Color
Hex	C5A46E
RGB	197, 164, 110
RGB Percent	77%, 64%, 43%
CMY	0.2273, 0.3569, 0.5686
CMYK	0.00, 0.17, 0.44, 0.23
HSL	37°, 43%, 60%
HSV	37°, 44%, 77%
XYZ	39.1213, 39.5470, 20.3229
YIQ	167.7110, 37.0020, -9.7980

Conversions

Conversions Part 2

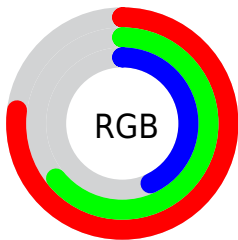
Format	Color
RYB	163, 197, 110
Decimal	12952686
CIELab	69.15, 4.92, 32.50
CIELCh	69, 32.876, 81.387
Yxy	39.5470, 0.3952, 0.3995
Android (android.graphics.Color)	4291142766 (0xFFC5A46E)
YUV	167.7110, -28.4515, 25.6865
Hunter-Lab	62.8864, 0.9928, 24.8598

Details

The Yxy color **39.5470, 0.3952, 0.3995** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **27.0027, 0.2394, 0.2455**, and the grayscale version is **39.1393, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.5317, 0.3800, 0.3875**, and **17.5880, 0.4187, 0.4179** is the 20% darker color. If you saturate the color by 10%, you get **36.5678, 0.4176, 0.4142**, and if you desaturate by 10%, it is **42.7828, 0.3738, 0.3835**.

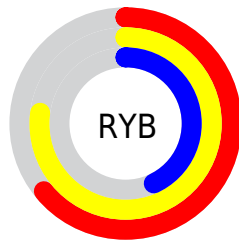
Distribution



Red (77%)

Green (64%)

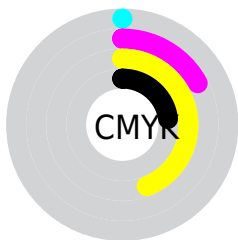
Blue (43%)



Red (64%)

Yellow (77%)

Blue (43%)

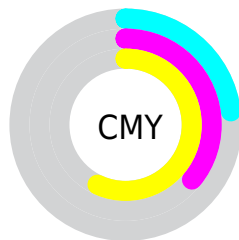


Cyan (0%)

Magenta (17%)

Yellow (44%)

Black (23%)



Cyan (23%)

Magenta (36%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5470, 0.3952, 0.3995 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 39.5470, 0.3952, 0.3995 by changing the saturation by 10% instead.


 39.5470, 0.3952,
0.3995


 39.5470, 0.3952,
0.3995


344.2105, 0.3533,
0.3646

 27.1855, 0.4055,
0.4078


 74.4732, 0.3800,
0.3870


 17.7126, 0.4186,
0.4181


 97.8067, 0.3743,
0.3823

 10.7439, 0.4355,
0.4308


 125.5664, 0.3694,
0.3782

 5.8949, 0.4574,
0.4465

 158.1366, 0.3653,
0.3747

 2.7813, 0.5081,
0.4857

195.9017, 0.3617,
0.3717

 1.0186, 0.5206,
0.4794

239.2461, 0.3586,

 0.0000, 1.0000,

0.3690

0.0000

288.5543, 0.3558,
0.3667

0.0000, 0.0000,
0.0000

39.5470, 0.3952,
0.3995

39.5470, 0.3952,
0.3995

36.5678, 0.4176,
0.4142

42.7828, 0.3738,
0.3835

33.8305, 0.4401,
0.4265

46.2780, 0.3538,
0.3671

31.3270, 0.4618,
0.4352

50.0424, 0.3355,
0.3509


29.0462, 0.4813,
0.4394


54.0833, 0.3191,
0.3353


26.9753, 0.4979,
0.4384


58.4081, 0.3043,
0.3205

 25.8524, 0.5064,
0.4361

 63.0233, 0.2913,
0.3068

 67.9355, 0.2797,
0.2941

 72.3111, 0.2763,
0.2951

 76.4158, 0.2769,
0.3034

Harmonies

Analogous

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



39.5470, 0.4098, 0.3663



39.5470, 0.3952, 0.3995



39.5470, 0.3584, 0.4166

Triad

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



39.5470, 0.3952, 0.3995



39.5470, 0.2354, 0.3216



39.5470, 0.3083, 0.2648

Complementary

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



39.5470, 0.3952, 0.3995



27.0027, 0.2394, 0.2455

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.



39.5470, 0.2637, 0.2520



39.5470, 0.3952, 0.3995



39.5470, 0.2243, 0.2804

Square

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



39.5470, 0.3952, 0.3995



39.5470, 0.2663, 0.3700



39.5470, 0.2342, 0.2566



39.5470, 0.3576, 0.2917

Rectangle

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



39.5470, 0.3952, 0.3995



39.5470, 0.3272, 0.4135



39.5470, 0.2342, 0.2566



39.5470, 0.2923, 0.2588

Sweetspot

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



39.5489, 0.3952, 0.3995



90.2787, 0.3339, 0.3493



25.0202, 0.3826, 0.2850



18.9886, 0.3378, 0.3529



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.



39.5489, 0.3952, 0.3995



65.6558, 0.4168, 0.4137



51.6202, 0.3687, 0.4400



11.7144, 0.3274, 0.3433



17.1642, 0.5050, 0.4372



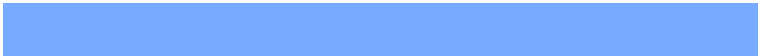
0.9492, 0.4826, 0.4550

Inverse Universe

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



27.0027, 0.2394, 0.2455



40.3848, 0.2230, 0.2231



19.1885, 0.2392, 0.1960



10.9363, 0.2983, 0.3143



6.0910, 0.1672, 0.1220



0.4277, 0.1791, 0.1648

Previews

White Background



This preview shows how the Yxy color 39.5470, 0.3952, 0.3995 looks on a white background.

Color Contrast Check

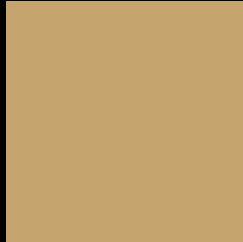
Large Text (above 18pt) WCAG AA × Fail

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 39.5470, 0.3952, 0.3995 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 39.5470, 0.3952, 0.3995

Background



This preview shows how black text looks on a background with the Yxy color 39.5470, 0.3952, 0.3995.



This preview shows how white text looks on a background with the Yxy color 39.5470, 0.3952, 0.3995.

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

39.5470, 0.3952, 0.3995

Protanopia

39.6131, 0.3766, 0.4071

Deuteranopia

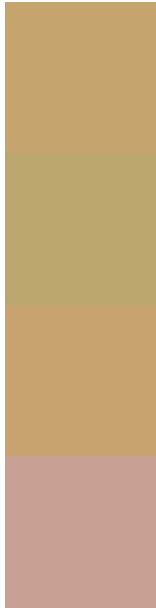
39.6849, 0.4015, 0.3942



Tritanopia

39.6750, 0.3469, 0.3139

Trichromacy



Original Color

39.5470, 0.3952, 0.3995

Protanomaly

39.4765, 0.3835, 0.4045

Deuteranomaly

39.7596, 0.3989, 0.3960

Tritanomaly

39.6972, 0.3647, 0.3447

Monochromacy



Original Color

39.5470, 0.3952, 0.3995

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.3277, 0.3418, 0.3568

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5470, 0.3952, 0.3995 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(197, 164, 110)` looks like.

```
.text, #text, p{  
    color:rgb(197, 164, 110)  
}
```

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(197, 164, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 164, 110) }
```

Border

The CSS property to change the border of an element to Yxy 39.5470, 0.3952, 0.3995 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(197, 164, 110) }
```

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

```
.border{ border-color:rgb(197, 164, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 164, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 164, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 164, 110);  
box-shadow:4px 4px 4px 4px rgb(197, 164,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5470, 0.3952, 0.3995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 164, 110) }
```

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

```
.background{ background-color: rgb(197,  
164, 110) }
```

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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