

Converting Colors

$Yxy(39.6414, 0.3818, 0.3791)$

Have a look what the booklet for
Yxy(39.6414, 0.3818, 0.3791)
contains.

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Color

Yxy(39.5454, 0.3818, 0.3791)

Conversions

Conversions Part 1

Format	Color
Hex	C5A37D
RGB	197, 163, 125
RGB Percent	77%, 64%, 49%
CMY	0.2274, 0.3608, 0.5097
CMYK	0.00, 0.17, 0.37, 0.23
HSL	32°, 38%, 63%
HSV	32°, 37%, 77%
XYZ	39.8270, 39.5454, 24.9415
YIQ	168.8340, 32.4620, -4.6100

Conversions

Conversions Part 2

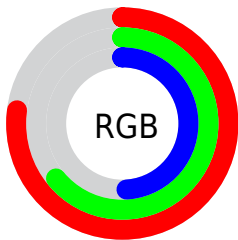
Format	Color
R_{YB}	189, 197, 125
Decimal	12952445
CIE Lab	69.14, 7.15, 24.43
CIE LCh	69, 25.454, 73.683
Yxy	39.5454, 0.3818, 0.3791
Android (android.graphics.Color)	4291142525 (0xFFC5A37D)
YUV	168.8340, -21.6102, 24.7016
Hunter-Lab	62.8851, 3.0004, 20.5040

Details

The Yxy color **39.5454, 0.3818, 0.3791** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **33.1973, 0.2542, 0.2727**, and the grayscale version is **39.6885, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.6172, 0.3688, 0.3702**, and **17.6415, 0.4026, 0.3914** is the 20% darker color. If you saturate the color by 10%, you get **35.9084, 0.4058, 0.3927**, and if you desaturate by 10%, it is **43.5291, 0.3599, 0.3650**.

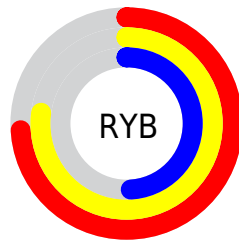
Distribution



Red (77%)

Green (64%)

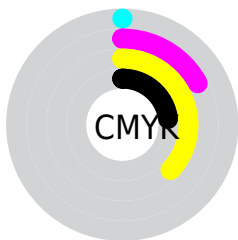
Blue (49%)



Red (74%)

Yellow (77%)

Blue (49%)

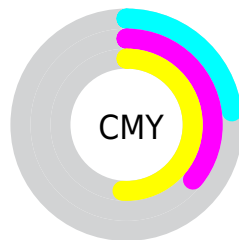


Cyan (0%)

Magenta (17%)

Yellow (37%)

Black (23%)



Cyan (23%)

Magenta (36%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5454, 0.3818, 0.3791 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 39.5454, 0.3818, 0.3791 by changing the saturation by 10% instead.


 39.5454, 0.3818,
0.3791


 39.5454, 0.3818,
0.3791


344.2038, 0.3463,
0.3542


 27.1843, 0.3908,
0.3851


 74.4708, 0.3688,
0.3702

 17.7117, 0.4025,
0.3927


 97.8038, 0.3639,
0.3668

 10.7432, 0.4180,
0.4023


 125.5629, 0.3598,
0.3639

 5.8944, 0.4393,
0.4148

158.1325, 0.3563,
0.3614

 2.7810, 0.4731,
0.4334

195.8970, 0.3533,
0.3593

 1.0185, 0.5352,
0.4648

239.2408, 0.3507,

 0.0000, 1.0000,

0.3574

0.0000

288.5483, 0.3484,
0.3557

■ 0.0000, 0.0000,
0.0000

■ 39.5454, 0.3818,
0.3791

■ 39.5454, 0.3818,
0.3791

■ 35.9084, 0.4058,
0.3927

■ 43.5291, 0.3599,
0.3650

■ 32.6016, 0.4313,
0.4049

■ 47.8646, 0.3403,
0.3509

■ 29.6147, 0.4575,
0.4146


■ 52.5635, 0.3229,
0.3374

■ 26.9349, 0.4832,
0.4204


■ 57.6355, 0.3077,
0.3247

■ 24.5478, 0.5067,
0.4214

■ 63.0895, 0.2943,
0.3128


 22.4360, 0.5267,
0.4170

 68.9342, 0.2826,
0.3019

 21.7611, 0.5332,
0.4148

 74.6573, 0.2767,
0.2999

 79.9206, 0.2774,
0.3102

 85.4638, 0.2782,
0.3202

Harmonies

Analogous

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



39.5454, 0.3871, 0.3517



39.5454, 0.3818, 0.3791



39.5454, 0.3574, 0.3952

Triad

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



39.5454, 0.3818, 0.3791



39.5454, 0.2570, 0.3334



39.5454, 0.3000, 0.2743

Complementary

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



39.5454, 0.3818, 0.3791



33.1973, 0.2542, 0.2727

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.



39.5454, 0.2672, 0.2677



39.5454, 0.3818, 0.3791



39.5454, 0.2436, 0.2991

Square

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



39.5454, 0.3818, 0.3791



39.5454, 0.2852, 0.3690



39.5454, 0.2472, 0.2760



39.5454, 0.3383, 0.2933

Rectangle

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



39.5454, 0.3818, 0.3791



39.5454, 0.3343, 0.3957



39.5454, 0.2472, 0.2760



39.5454, 0.2880, 0.2706

Sweetspot

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



39.5472, 0.3818, 0.3791



90.1588, 0.3307, 0.3436



29.0746, 0.3576, 0.2833



19.0504, 0.3331, 0.3455



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.



39.5472, 0.3818, 0.3791



65.4780, 0.4011, 0.3903



53.1268, 0.3660, 0.4192



11.5477, 0.3277, 0.3412



14.4806, 0.5313, 0.4163



0.8299, 0.5019, 0.4397

Inverse Universe

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



33.1973, 0.2542, 0.2727



52.4316, 0.2408, 0.2575



23.1555, 0.2478, 0.2203



11.0999, 0.2983, 0.3165



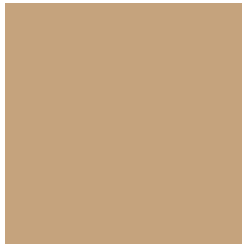
7.9721, 0.1751, 0.1503



0.5222, 0.1860, 0.1897

Previews

White Background



This preview shows how the Yxy color 39.5454, 0.3818, 0.3791 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 39.5454, 0.3818, 0.3791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

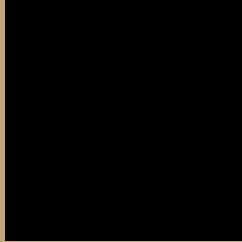
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.5454, 0.3818, 0.3791

Background



This preview shows how black text looks on a background with the Yxy color 39.5454, 0.3818, 0.3791.



This preview shows how white text looks on a background with the Yxy color 39.5454, 0.3818, 0.3791.

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

39.5454, 0.3818, 0.3791

Protanopia

39.7582, 0.3605, 0.3859

Deuteranopia

39.6007, 0.3853, 0.3773



Tritanopia

39.5351, 0.3459, 0.3138

Trichromacy



Original Color

39.5454, 0.3818, 0.3791

Protanomaly

39.7345, 0.3681, 0.3835

Deuteranomaly

39.4634, 0.3843, 0.3775

Tritanomaly

39.3755, 0.3591, 0.3369

Monochromacy



Original Color

39.5454, 0.3818, 0.3791

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.5210, 0.3364, 0.3484

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5454, 0.3818, 0.3791 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, 163, 125)` looks like.

```
.text, #text, p{  
    color:rgb(197, 163, 125)  
}
```

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, 163, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 163, 125) }
```

Border

The CSS property to change the border of an element to Yxy 39.5454, 0.3818, 0.3791 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, 163, 125) }
```

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

```
.border{ border-color:rgb(197, 163, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 163, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 163, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 163, 125);  
box-shadow:4px 4px 4px 4px rgb(197, 163,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5454, 0.3818, 0.3791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 163, 125) }
```

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

```
.background{ background-color: rgb(197,  
163, 125) }
```

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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