

Converting Colors

$Yxy(51.6704, 0.3481, 0.3712)$

Have a look what the booklet for
Yxy(51.6704, 0.3481, 0.3712)
contains.

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Color

Yxy(51.6447, 0.3489, 0.3715)

Conversions

Conversions Part 1

Format	Color
Hex	C9BE9C
RGB	201, 190, 156
RGB Percent	79%, 75%, 61%
CMY	0.2118, 0.2549, 0.3882
CMYK	0.00, 0.05, 0.22, 0.21
HSL	45°, 29%, 70%
HSV	45°, 22%, 79%
XYZ	48.5029, 51.6447, 38.8691
YIQ	189.4130, 17.4700, -8.2420

Conversions

Conversions Part 2

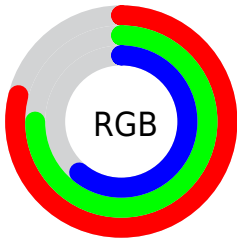
Format	Color
RYB	171, 201, 156
Decimal	13221532
CIELab	77.07, -1.60, 18.59
CIELCh	77, 18.654, 94.910
Yxy	51.6447, 0.3489, 0.3715
Android (android.graphics.Color)	4291411612 (0xFFC9BE9C)
YUV	189.4130, -16.4726, 10.1618
Hunter-Lab	71.8642, -5.2885, 18.2369

Details

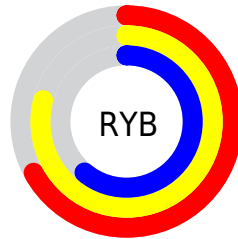
The Yxy color **51.6447, 0.3489, 0.3715** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.9282, 0.2764, 0.2826**, and the grayscale version is **51.2282, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8747, 0.3402, 0.3636**, and **25.1143, 0.3586, 0.3828** is the 20% darker color. If you saturate the color by 10%, you get **48.9281, 0.3668, 0.3911**, and if you desaturate by 10%, it is **54.5504, 0.3320, 0.3521**.

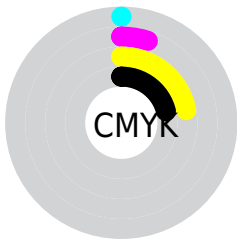
Distribution



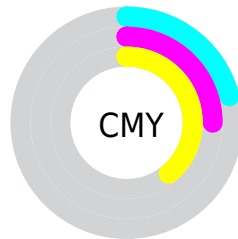
- Red (79%)
- Green (75%)
- Blue (61%)



- Red (67%)
- Yellow (79%)
- Blue (61%)



- Cyan (0%)
- Magenta (5%)
- Yellow (22%)
- Black (21%)




- Cyan (21%)
- Magenta (25%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.6447, 0.3489, 0.3715 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 51.6447, 0.3489, 0.3715 by changing the saturation by 10% instead.


 51.6447, 0.3489,
0.3715


 51.6447, 0.3489,
0.3715


393.0634, 0.3312,
0.3506

 36.7219, 0.3532,
0.3766


 92.6070, 0.3426,
0.3640

 24.9923, 0.3586,
0.3831


 119.4154, 0.3402,
0.3611

 16.0713, 0.3656,
0.3915


150.9545, 0.3381,
0.3587

 9.5746, 0.3750,
0.4030

187.6086, 0.3364,
0.3566

 5.1178, 0.3883,
0.4193

229.7621, 0.3348,
0.3548

 2.3166, 0.4091,
0.4452

277.7995, 0.3335,

 0.7825, 0.4739,

0.3532

0.5261

332.1051, 0.3323,
0.3518

0.0000, 0.0000,
0.0000

51.6447, 0.3489,
0.3715

51.6447, 0.3489,
0.3715

48.9281, 0.3668,
0.3911

54.5504, 0.3320,
0.3521

46.3875, 0.3854,
0.4102

57.6441, 0.3163,
0.3333

44.0184, 0.4040,
0.4278

60.9337, 0.3019,
0.3156

41.8135, 0.4219,
0.4431

64.4243, 0.2889,
0.2989

39.7647, 0.4384,
0.4549

68.0231, 0.2780,
0.2851

■ 37.8628, 0.4525,
0.4623

■ 70.5572, 0.2784,
0.2906

■ 36.0968, 0.4637,
0.4650

■ 73.1672, 0.2788,
0.2960

■ 34.8286, 0.4707,
0.4645

■ 75.8535, 0.2791,
0.3014

■ 78.6169, 0.2795,
0.3068

Harmonies

Analogous

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



51.6447, 0.3615, 0.3587



51.6447, 0.3489, 0.3715



51.6447, 0.3267, 0.3727

Triad

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



51.6447, 0.3489, 0.3715



51.6447, 0.2671, 0.3158



51.6447, 0.3227, 0.3000

Complementary

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



51.6447, 0.3489, 0.3715



38.9282, 0.2764, 0.2826

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.



51.6447, 0.2973, 0.2891



51.6447, 0.3489, 0.3715



51.6447, 0.2660, 0.2971

Square

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



51.6447, 0.3489, 0.3715



51.6447, 0.2798, 0.3394



51.6447, 0.2768, 0.2878



51.6447, 0.3461, 0.3179

Rectangle

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



51.6447, 0.3489, 0.3715



51.6447, 0.3098, 0.3662



51.6447, 0.2768, 0.2878



51.6447, 0.3141, 0.2954

Sweetspot

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



51.6470, 0.3489, 0.3715



96.1502, 0.3235, 0.3421



38.9986, 0.3468, 0.3147



20.5107, 0.3245, 0.3432



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.



51.6470, 0.3489, 0.3715



86.0575, 0.3578, 0.3813



55.0914, 0.3368, 0.3860



11.9607, 0.3271, 0.3464



22.0476, 0.4698, 0.4652



1.1522, 0.4571, 0.4752

Inverse Universe

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



38.9282, 0.2764, 0.2826



60.3821, 0.2674, 0.2705



36.2419, 0.2848, 0.2687



10.7017, 0.2983, 0.3110



4.1625, 0.1581, 0.0891



0.3150, 0.1697, 0.1308

Previews

White Background



This preview shows how the Yxy color 51.6447, 0.3489, 0.3715 looks on a white background.

Color Contrast Check

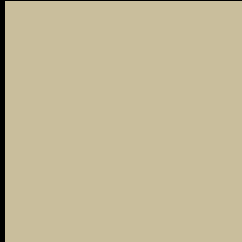
Large Text (above 18pt) WCAG AA × Fail

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 51.6447, 0.3489, 0.3715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

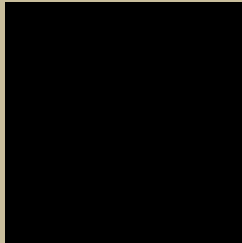
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

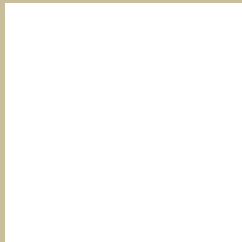
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.6447, 0.3489, 0.3715

Background



This preview shows how black text looks on a background with the Yxy color 51.6447, 0.3489, 0.3715.



This preview shows how white text looks on a background with the Yxy color 51.6447, 0.3489, 0.3715.

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

51.6447, 0.3489, 0.3715

Protanopia

51.6447, 0.3489, 0.3715

Deuteranopia

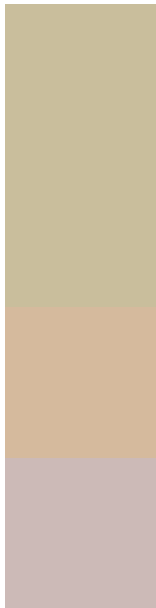
51.5169, 0.3671, 0.3599



Tritanopia

51.5263, 0.3194, 0.3111

Trichromacy



Original Color

51.6447, 0.3489, 0.3715

Protanomaly

51.6447, 0.3489, 0.3715

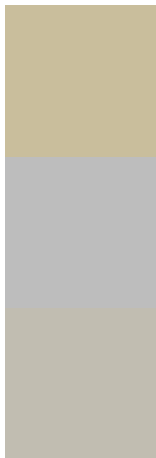
Deuteranomaly

51.6983, 0.3598, 0.3642

Tritanomaly

51.3741, 0.3303, 0.3327

Monochromacy



Original Color

51.6447, 0.3489, 0.3715

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.9070, 0.3254, 0.3442

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6447, 0.3489, 0.3715 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, 190, 156)` looks like.

```
.text, #text, p{  
    color:rgb(201, 190, 156)  
}
```

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, 190, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 190, 156) }
```

Border

The CSS property to change the border of an element to Yxy 51.6447, 0.3489, 0.3715 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, 190, 156) }
```

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

```
.border{ border-color:rgb(201, 190, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 190, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 190, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 190, 156);  
box-shadow:4px 4px 4px 4px rgb(201, 190,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6447, 0.3489, 0.3715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 190, 156) }
```

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

```
.background{ background-color: rgb(201,  
190, 156) }
```

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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