

Converting Colors

$Yxy(52.9503, 0.3485, 0.3713)$

Have a look what the booklet for
Yxy(52.9503, 0.3485, 0.3713)
contains.

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Color

Yxy(52.8644, 0.3485, 0.3711)

Conversions

Conversions Part 1

Format	Color
Hex	CBC09E
RGB	203, 192, 158
RGB Percent	80%, 75%, 62%
CMY	0.2040, 0.2470, 0.3803
CMYK	0.00, 0.05, 0.22, 0.20
HSL	45°, 30%, 71%
HSV	45°, 22%, 80%
XYZ	49.6450, 52.8644, 39.9439
YIQ	191.4130, 17.4700, -8.2420

Conversions

Conversions Part 2

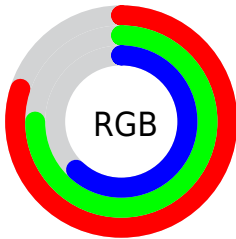
Format	Color
RYB	173, 203, 158
Decimal	13353118
CIELab	77.79, -1.62, 18.54
CIELCh	78, 18.613, 94.989
Yxy	52.8644, 0.3485, 0.3711
Android (android.graphics.Color)	4291543198 (0xFFCBC09E)
YUV	191.4130, -16.4726, 10.1618
Hunter-Lab	72.7079, -5.3590, 18.3231

Details

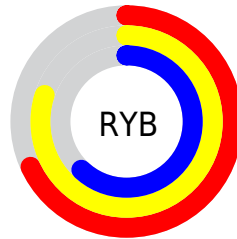
The Yxy color **52.8644, 0.3485, 0.3711** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.9493, 0.2768, 0.2830**, and the grayscale version is **52.4425, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1989, 0.3386, 0.3635**, and **25.8017, 0.3579, 0.3840** is the 20% darker color. If you saturate the color by 10%, you get **50.0879, 0.3664, 0.3907**, and if you desaturate by 10%, it is **55.8342, 0.3316, 0.3517**.

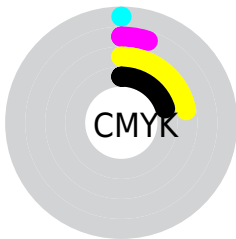
Distribution



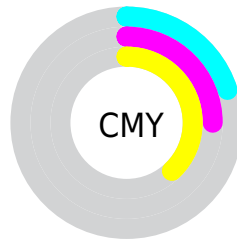
- Red (80%)
- Green (75%)
- Blue (62%)



- Red (68%)
- Yellow (80%)
- Blue (62%)



- Cyan (0%)
- Magenta (5%)
- Yellow (22%)
- Black (20%)





- Cyan (20%)
- Magenta (25%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.8644, 0.3485, 0.3711 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 52.8644, 0.3485, 0.3711 by changing the saturation by 10% instead.

 52.8644, 0.3485,
0.3711

 52.8644, 0.3485,
0.3711


397.7647, 0.3311,
0.3505

 37.6945, 0.3527,
0.3761


 94.4048, 0.3423,
0.3637

 25.7457, 0.3580,
0.3824


 121.5441, 0.3399,
0.3609

 16.6335, 0.3648,
0.3907


153.4421, 0.3379,
0.3585

 9.9735, 0.3740,
0.4019

190.4830, 0.3362,
0.3565

 5.3814, 0.3869,
0.4178

233.0513, 0.3346,
0.3547

 2.4727, 0.4063,
0.4420

281.5315, 0.3333,

 0.8629, 0.4750,

0.3531

0.5250

336.3078, 0.3321,
0.3517

0.0000, 0.0000,
0.0000

52.8644, 0.3485,
0.3711

52.8644, 0.3485,
0.3711

50.0879, 0.3664,
0.3907

55.8342, 0.3316,
0.3517

47.4911, 0.3850,
0.4098

58.9960, 0.3159,
0.3329

45.0696, 0.4036,
0.4276

62.3580, 0.3016,
0.3151

42.8159, 0.4215,
0.4429

65.9254, 0.2886,
0.2985

40.7217, 0.4380,
0.4548

69.4097, 0.2794,
0.2877

■ 38.7776, 0.4521,
0.4623

■ 71.9948, 0.2798,
0.2932

■ 36.9725, 0.4634,
0.4651

■ 74.6570, 0.2801,
0.2986

■ 35.6370, 0.4705,
0.4646

■ 77.3969, 0.2805,
0.3040

■ 80.2152, 0.2809,
0.3094

Harmonies

Analogous

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



52.8644, 0.3610, 0.3585



52.8644, 0.3485, 0.3711



52.8644, 0.3266, 0.3723

Triad

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



52.8644, 0.3485, 0.3711



52.8644, 0.2675, 0.3159



52.8644, 0.3227, 0.3003

Complementary

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



52.8644, 0.3485, 0.3711



39.9493, 0.2768, 0.2830

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.



52.8644, 0.2975, 0.2895



52.8644, 0.3485, 0.3711



52.8644, 0.2665, 0.2974

Square

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



52.8644, 0.3485, 0.3711



52.8644, 0.2801, 0.3393



52.8644, 0.2772, 0.2882



52.8644, 0.3459, 0.3181

Rectangle

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



52.8644, 0.3485, 0.3711



52.8644, 0.3098, 0.3658



52.8644, 0.2772, 0.2882



52.8644, 0.3141, 0.2958

Sweetspot

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



52.8668, 0.3485, 0.3711



96.1584, 0.3235, 0.3421



40.0275, 0.3464, 0.3148



20.5126, 0.3245, 0.3432



0.0000, 0.0000, 0.0000



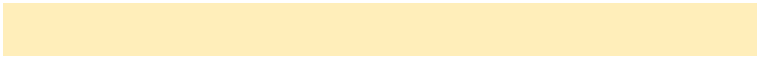
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.8668, 0.3485, 0.3711



86.0873, 0.3577, 0.3814



56.3386, 0.3365, 0.3854



12.6153, 0.3272, 0.3464



22.8354, 0.4697, 0.4653



1.2920, 0.4578, 0.4747

Inverse Universe

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



39.9493, 0.2768, 0.2830



60.3579, 0.2674, 0.2705



37.2350, 0.2852, 0.2693



11.2808, 0.2983, 0.3109



4.2889, 0.1580, 0.0888



0.3440, 0.1688, 0.1276

Previews

White Background



This preview shows how the Yxy color 52.8644, 0.3485, 0.3711 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 52.8644, 0.3485, 0.3711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

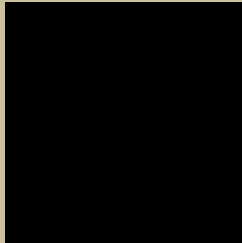
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.8644, 0.3485, 0.3711

Background



This preview shows how black text looks on a background with the Yxy color 52.8644, 0.3485, 0.3711.



This preview shows how white text looks on a background with the Yxy color 52.8644, 0.3485, 0.3711.

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

52.8644, 0.3485, 0.3711

Protanopia

52.8644, 0.3485, 0.3711

Deuteranopia

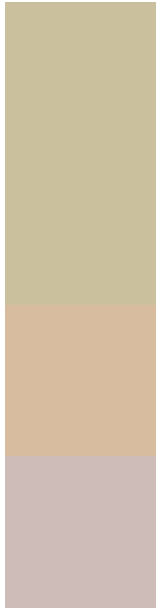
52.7307, 0.3665, 0.3597



Tritanopia

52.7448, 0.3194, 0.3113

Trichromacy



Original Color

52.8644, 0.3485, 0.3711

Protanomaly

52.8644, 0.3485, 0.3711

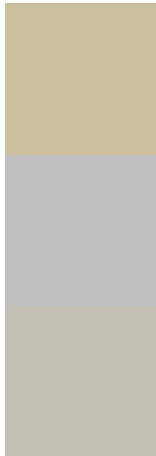
Deuteranomaly

52.9167, 0.3594, 0.3638

Tritanomaly

52.5910, 0.3302, 0.3327

Monochromacy



Original Color

52.8644, 0.3485, 0.3711

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.1184, 0.3252, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8644, 0.3485, 0.3711 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(203, 192, 158)` looks like.

```
.text, #text, p{  
    color:rgb(203, 192, 158)  
}
```

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(203, 192, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 192, 158) }
```

Border

The CSS property to change the border of an element to Yxy 52.8644, 0.3485, 0.3711 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(203, 192, 158) }
```

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

```
.border{ border-color:rgb(203, 192, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 192, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 192, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 192, 158);  
box-shadow:4px 4px 4px 4px rgb(203, 192,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8644, 0.3485, 0.3711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 192, 158) }
```

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

```
.background{ background-color: rgb(203,  
192, 158) }
```

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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