

Converting Colors

Yxy(51.7528, 0.3480, 0.3663)

Have a look what the booklet for
Yxy(51.7528, 0.3480, 0.3663)
contains.

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Color

Yxy(51.5949, 0.3485, 0.3663)

Conversions

Conversions Part 1

Format	Color
Hex	CBBD9F
RGB	203, 189, 159
RGB Percent	80%, 74%, 62%
CMY	0.2038, 0.2588, 0.3765
CMYK	0.00, 0.07, 0.22, 0.20
HSL	41°, 30%, 71%
HSV	41°, 22%, 80%
XYZ	49.0877, 51.5949, 40.1716
YIQ	189.7660, 17.9740, -6.3620

Conversions

Conversions Part 2

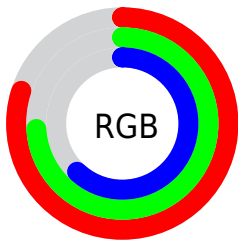
Format	Color
R _{YB}	180, 203, 159
Decimal	13352351
CIE Lab	77.04, 0.13, 16.97
CIE LCh	77, 16.967, 89.556
Yxy	51.5949, 0.3485, 0.3663
Android (android.graphics.Color)	4291542431 (0xFFCBBBD9F)
YUV	189.7660, -15.1676, 11.6062
Hunter-Lab	71.8296, -3.7165, 17.1220

Details

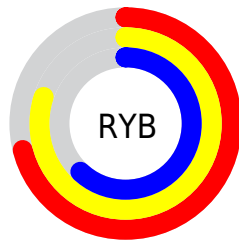
The Yxy color **51.5949, 0.3485, 0.3663** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.5779, 0.2779, 0.2887**, and the grayscale version is **51.4343, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4199, 0.3385, 0.3597**, and **24.9658, 0.3580, 0.3776** is the 20% darker color. If you saturate the color by 10%, you get **48.2293, 0.3673, 0.3842**, and if you desaturate by 10%, it is **55.2049, 0.3311, 0.3487**.

Distribution



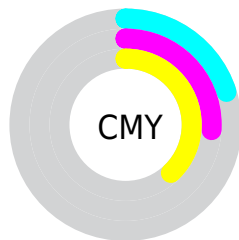
- Red (80%)
- Green (74%)
- Blue (62%)



- Red (71%)
- Yellow (80%)
- Blue (62%)



- Cyan (0%)
- Magenta (7%)
- Yellow (22%)
- Black (20%)




- Cyan (20%)
- Magenta (26%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.5949, 0.3485, 0.3663 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 51.5949, 0.3485, 0.3663 by changing the saturation by 10% instead.


 51.5949, 0.3485,
0.3663


 51.5949, 0.3485,
0.3663


392.8707, 0.3309,
0.3480

 36.6823, 0.3528,
0.3707


 92.5335, 0.3422,
0.3597

 24.9616, 0.3582,
0.3764


 119.3283, 0.3398,
0.3573

 16.0484, 0.3652,
0.3837


150.8526, 0.3378,
0.3551

 9.5584, 0.3748,
0.3936

187.4909, 0.3360,
0.3533

 5.1072, 0.3884,
0.4078

229.6274, 0.3345,
0.3517

 2.3103, 0.4093,
0.4294

277.6466, 0.3332,

 0.7791, 0.4884,

0.3503

0.5116

331.9329, 0.3320,
0.3491

0.0000, 0.0000,
0.0000

51.5949, 0.3485,
0.3663

51.5949, 0.3485,
0.3663

48.2293, 0.3673,
0.3842

55.2049, 0.3311,
0.3487

45.0939, 0.3873,
0.4018

59.0593, 0.3152,
0.3318

42.1833, 0.4078,
0.4182

63.1667, 0.3009,
0.3158

39.4891, 0.4283,
0.4323

67.5334, 0.2881,
0.3009

37.0022, 0.4478,
0.4432

71.8053, 0.2798,
0.2927

■ 34.7121, 0.4652,
0.4497

■ 75.2924, 0.2803,
0.2999

■ 32.6069, 0.4797,
0.4512

■ 78.9124, 0.2807,
0.3069

■ 30.9800, 0.4898,
0.4493

■ 82.6669, 0.2812,
0.3139

■ 86.5573, 0.2816,
0.3207

Harmonies

Analogous

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



51.5949, 0.3579, 0.3533



51.5949, 0.3485, 0.3663



51.5949, 0.3296, 0.3694

Triad

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



51.5949, 0.3485, 0.3663



51.5949, 0.2724, 0.3208



51.5949, 0.3176, 0.3001

Complementary

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



51.5949, 0.3485, 0.3663



41.5779, 0.2779, 0.2887

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.



51.5949, 0.2949, 0.2916



51.5949, 0.3485, 0.3663



51.5949, 0.2695, 0.3025

Square

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



51.5949, 0.3485, 0.3663



51.5949, 0.2858, 0.3423



51.5949, 0.2775, 0.2923



51.5949, 0.3398, 0.3157

Rectangle

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



51.5949, 0.3485, 0.3663



51.5949, 0.3143, 0.3648



51.5949, 0.2775, 0.2923



51.5949, 0.3098, 0.2964

Sweetspot

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



51.5972, 0.3485, 0.3663



95.3296, 0.3236, 0.3408



40.5385, 0.3420, 0.3106



20.3204, 0.3246, 0.3418



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.



51.5972, 0.3485, 0.3663



83.7012, 0.3571, 0.3747



56.9169, 0.3391, 0.3837



12.4707, 0.3273, 0.3447



19.8818, 0.4886, 0.4503



1.1587, 0.4719, 0.4635

Inverse Universe

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



41.5779, 0.2779, 0.2887



64.0024, 0.2698, 0.2787



37.2522, 0.2827, 0.2702



11.4175, 0.2983, 0.3128



5.2709, 0.1627, 0.1055



0.4089, 0.1738, 0.1458

Previews

White Background



This preview shows how the Yxy color 51.5949, 0.3485, 0.3663 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 51.5949, 0.3485, 0.3663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

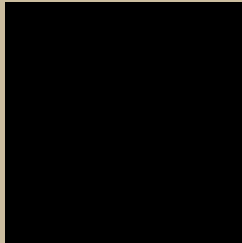
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

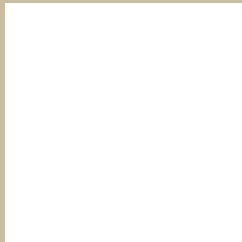
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.5949, 0.3485, 0.3663

Background



This preview shows how black text looks on a background with the Yxy color 51.5949, 0.3485, 0.3663.



This preview shows how white text looks on a background with the Yxy color 51.5949, 0.3485, 0.3663.

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

51.5949, 0.3485, 0.3663

Protanopia

51.7476, 0.3465, 0.3677

Deuteranopia

51.4651, 0.3636, 0.3565



Tritanopia

51.7681, 0.3219, 0.3124

Trichromacy



Original Color

51.5949, 0.3485, 0.3663

Protanomaly

51.8867, 0.3474, 0.3676

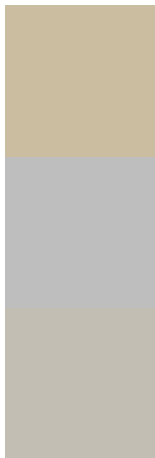
Deuteranomaly

51.3821, 0.3576, 0.3593

Tritanomaly

51.7003, 0.3312, 0.3315

Monochromacy



Original Color

51.5949, 0.3485, 0.3663

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.6837, 0.3254, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5949, 0.3485, 0.3663 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, 189, 159)` looks like.

```
.text, #text, p{  
    color:rgb(203, 189, 159)  
}
```

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, 189, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 189, 159) }
```

Border

The CSS property to change the border of an element to Yxy 51.5949, 0.3485, 0.3663 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, 189, 159) }
```

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

```
.border{ border-color:rgb(203, 189, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 189, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 189, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 189, 159);  
box-shadow:4px 4px 4px 4px rgb(203, 189,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5949, 0.3485, 0.3663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 189, 159) }
```

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

```
.background{ background-color: rgb(203,  
189, 159) }
```

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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