

# Converting Colors

Yxy(51.0842, 0.3558, 0.3595)

Have a look what the booklet for  
Yxy(51.0842, 0.3558, 0.3595)  
contains.

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# Color

**Yxy(51.0849, 0.3558, 0.3595)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3B9A0
RGB	211, 185, 160
RGB Percent	83%, 73%, 63%
CMY	0.1725, 0.2745, 0.3725
CMYK	0.00, 0.12, 0.24, 0.17
HSL	29°, 37%, 73%
HSV	29°, 24%, 83%
XYZ	50.5591, 51.0849, 40.4558
YIQ	189.9240, 23.5210, -2.2630

# Conversions

## Conversions Part 2

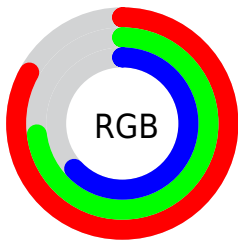
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	211, 209, 160
Decimal	13875616
CIE <sub>Lab</sub>	76.73, 5.43, 16.10
CIE <sub>LCh</sub>	77, 16.988, 71.373
Yxy	51.0849, 0.3558, 0.3595
Android (android.graphics.Color)	4292065696 (0xFFD3B9A0)
YUV	189.9240, -14.7525, 18.4837
Hunter-Lab	71.4737, 1.1885, 16.4720

# Details

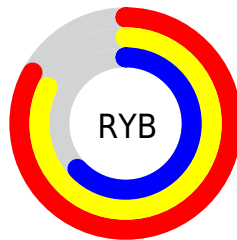
The Yxy color **51.0849, 0.3558, 0.3595** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.2982, 0.2746, 0.2964**, and the grayscale version is **51.5245, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0769, 0.3384, 0.3548**, and **24.6532, 0.3684, 0.3681** is the 20% darker color. If you saturate the color by 10%, you get **46.0781, 0.3778, 0.3728**, and if you desaturate by 10%, it is **56.5623, 0.3363, 0.3464**.

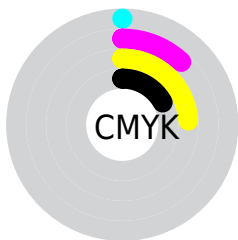
# Distribution



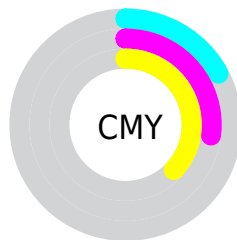
- Red (83%)
- Green (73%)
- Blue (63%)



- Red (83%)
- Yellow (82%)
- Blue (63%)



- Cyan (0%)
- Magenta (12%)
- Yellow (24%)
- Black (17%)




- Cyan (17%)
- Magenta (27%)
- Yellow (37%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 51.0849, 0.3558, 0.3595 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 51.0849, 0.3558, 0.3595 by changing the saturation by 10% instead.




 51.0849, 0.3558,  
0.3595

 51.0849, 0.3558,  
0.3595


390.8936, 0.3345,  
0.3448

 36.2762, 0.3610,  
0.3630


 91.7803, 0.3481,  
0.3543

 24.6476, 0.3677,  
0.3674


 118.4357, 0.3452,  
0.3523

 15.8147, 0.3764,  
0.3731


149.8088, 0.3428,  
0.3506

 9.3931, 0.3883,  
0.3807

186.2840, 0.3406,  
0.3491

 4.9985, 0.4056,  
0.3911

228.2457, 0.3388,  
0.3478

 2.2464, 0.4325,  
0.4063

276.0782, 0.3372,

 0.7451, 0.5301,

0.3467

0.4699

330.1661, 0.3358,  
0.3457

0.0000, 0.0000,  
0.0000

51.0849, 0.3558,  
0.3595

51.0849, 0.3558,  
0.3595

46.0781, 0.3778,  
0.3728

56.5623, 0.3363,  
0.3464

41.5210, 0.4023,  
0.3857

62.5165, 0.3192,  
0.3340

37.4015, 0.4289,  
0.3975

68.9622, 0.3043,  
0.3223

33.7038, 0.4568,  
0.4070

75.9115, 0.2913,  
0.3114

30.4111, 0.4846,  
0.4130

82.6806, 0.2858,  
0.3120

■ 27.5049, 0.5107,  
0.4142

■ 89.1610, 0.2863,  
0.3233

■ 24.9640, 0.5332,  
0.4099

■ 92.5894, 0.2866,  
0.3289

■ 23.6351, 0.5449,  
0.4055

# Harmonies

## Analogous

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



51.0849, 0.3577, 0.3425



51.0849, 0.3558, 0.3595



51.0849, 0.3420, 0.3691

# Triad

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



51.0849, 0.3558, 0.3595



51.0849, 0.2793, 0.3339



51.0849, 0.3035, 0.2938

# Complementary

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



51.0849, 0.3558, 0.3595



47.2982, 0.2746, 0.2964

# 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.



51.0849, 0.2833, 0.2907



51.0849, 0.3558, 0.3595



51.0849, 0.2697, 0.3128

# Square

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



51.0849, 0.3558, 0.3595



51.0849, 0.2977, 0.3544



51.0849, 0.2712, 0.2972



51.0849, 0.3269, 0.3055



# Rectangle

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



51.0849, 0.3558, 0.3595



51.0849, 0.3283, 0.3694



51.0849, 0.2712, 0.2972



51.0849, 0.2961, 0.2917

# Sweetspot

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



51.0872, 0.3558, 0.3595



93.2336, 0.3239, 0.3375



42.5537, 0.3375, 0.2971



19.8347, 0.3249, 0.3383



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.



51.0872, 0.3558, 0.3595



74.3777, 0.3668, 0.3663



62.5567, 0.3492, 0.3880



12.7513, 0.3278, 0.3404



14.4674, 0.5426, 0.4074



0.9676, 0.5141, 0.4300

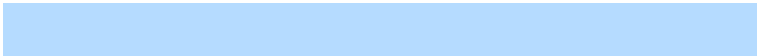


# Inverse Universe

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



47.2982, 0.2746, 0.2964



67.5835, 0.2662, 0.2884



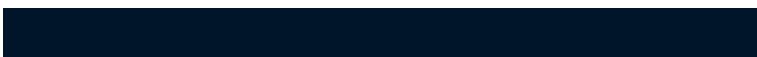
37.6174, 0.2717, 0.2623



12.3999, 0.2982, 0.3173



9.4628, 0.1784, 0.1622



0.6878, 0.1875, 0.1950



# Previews

## White Background



This preview shows how the Yxy color 51.0849, 0.3558, 0.3595 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

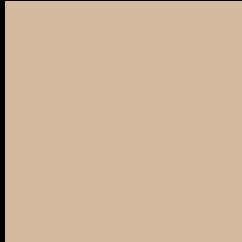
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 51.0849, 0.3558, 0.3595 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

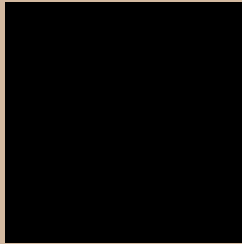
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 51.0849, 0.3558, 0.3595**

## Background



This preview shows how black text looks on a background with the Yxy color 51.0849, 0.3558, 0.3595.



This preview shows how white text looks on a background with the Yxy color 51.0849, 0.3558, 0.3595.

# 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

51.0849, 0.3558, 0.3595

### Protanopia

51.1459, 0.3425, 0.3629

### Deuteranopia

50.9345, 0.3621, 0.3542



## Tritanopia

50.9846, 0.3316, 0.3126

# Trichromacy



## Original Color

51.0849, 0.3558, 0.3595

## Protanomaly

51.2362, 0.3471, 0.3626

## Deuteranomaly

50.8873, 0.3591, 0.3556

## Tritanomaly

51.1294, 0.3405, 0.3291

# Monochromacy



## Original Color

51.0849, 0.3558, 0.3595

## Achromatopsia

51.4918, 0.3127, 0.3290

## Achromatomaly

51.2269, 0.3282, 0.3402

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 51.0849, 0.3558, 0.3595 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(211, 185, 160)` looks like.

```
.text, #text, p{  
    color:rgb(211, 185, 160)  
}
```

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(211, 185, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 185, 160) }
```

## Border

The CSS property to change the border of an element to Yxy 51.0849, 0.3558, 0.3595 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(211, 185, 160) }
```

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

```
.border{ border-color:rgb(211, 185, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 185, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 185, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 185, 160); box-shadow:4px 4px 4px 4px rgb(211, 185, 160) }
```



# Background

The CSS property to change the background color of an element to Yxy 51.0849, 0.3558, 0.3595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 185, 160) }
```

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

```
.background{ background-color: rgb(211,  
185, 160) }
```

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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