

# Converting Colors

$Yxy(48.1288, 0.3557, 0.3854)$

Have a look what the booklet for  
Yxy(48.1288, 0.3557, 0.3854)  
contains.

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# Color

**Yxy(48.0903, 0.3563, 0.3858)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2B98D
RGB	194, 185, 141
RGB Percent	76%, 73%, 55%
CMY	0.2391, 0.2745, 0.4470
CMYK	0.00, 0.05, 0.27, 0.24
HSL	50°, 30%, 66%
HSV	50°, 27%, 76%
XYZ	44.4131, 48.0903, 32.1475
YIQ	182.6750, 19.4880, -11.7760

# Conversions

## Conversions Part 2

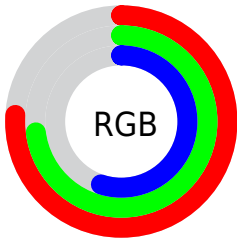
<b>Format</b>	<b>Color</b>
<b>RYB</b>	152, 194, 141
Decimal	12761485
CIELab	74.88, -3.74, 23.52
CIELCh	75, 23.812, 99.026
Yxy	48.0903, 0.3563, 0.3858
Android (android.graphics.Color)	4290951565 (0xFFC2B98D)
YUV	182.6750, -20.5458, 9.9320
Hunter-Lab	69.3472, -7.0380, 21.0578

# Details

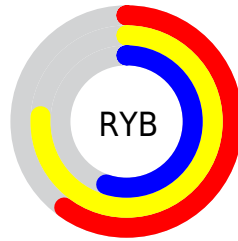
The Yxy color **48.0903, 0.3563, 0.3858** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.3948, 0.2671, 0.2649**, and the grayscale version is **47.2774, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3600, 0.3485, 0.3755**, and **22.8162, 0.3688, 0.4024** is the 20% darker color. If you saturate the color by 10%, you get **46.1953, 0.3734, 0.4067**, and if you desaturate by 10%, it is **50.1231, 0.3396, 0.3646**.

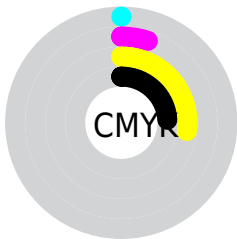
# Distribution



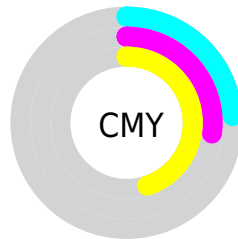
- Red (76%)
- Green (73%)
- Blue (55%)



- Red (60%)
- Yellow (76%)
- Blue (55%)



- Cyan (0%)
- Magenta (5%)
- Yellow (27%)
- Black (24%)




- Cyan (24%)
- Magenta (27%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 48.0903, 0.3563, 0.3858 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 48.0903, 0.3563, 0.3858 by changing the saturation by 10% instead.





 48.0903, 0.3563,  
0.3858


 48.0903, 0.3563,  
0.3858


379.1499, 0.3349,  
0.3575

 33.8984, 0.3615,  
0.3928

 87.3388, 0.3486,  
0.3755

 22.8156, 0.3680,  
0.4017

 113.1643, 0.3457,  
0.3717

 14.4574, 0.3763,  
0.4134


 143.6363, 0.3433,  
0.3684

 8.4395, 0.3875,  
0.4292

179.1394, 0.3411,  
0.3656

 4.3774, 0.4027,  
0.4518

220.0579, 0.3393,  
0.3632

 1.8868, 0.4471,  
0.5123

266.7763, 0.3376,

 0.5405, 0.4387,

0.3610

0.5613

319.6788, 0.3362,  
0.3591

0.0000, 0.0000,  
0.0000

48.0903, 0.3563,  
0.3858

48.0903, 0.3563,  
0.3858

46.1953, 0.3734,  
0.4067

50.1231, 0.3396,  
0.3646

44.4260, 0.3904,  
0.4266

52.2924, 0.3237,  
0.3438

42.7788, 0.4067,  
0.4444

54.6050, 0.3088,  
0.3237

41.2469, 0.4215,  
0.4591

57.0655, 0.2951,  
0.3049

39.8231, 0.4342,  
0.4699

59.6782, 0.2826,  
0.2873

■ 38.4986, 0.4442,  
0.4762

■ 62.2889, 0.2727,  
0.2735

■ 37.2613, 0.4514,  
0.4782

■ 63.8883, 0.2730,  
0.2773

■ 36.9393, 0.4532,  
0.4784

■ 65.5215, 0.2733,  
0.2810

■ 67.1886, 0.2736,  
0.2848

# Harmonies

## Analogous

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



48.0903, 0.3752, 0.3701



48.0903, 0.3563, 0.3858



48.0903, 0.3261, 0.3857

# Triad

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



48.0903, 0.3563, 0.3858



48.0903, 0.2526, 0.3073



48.0903, 0.3301, 0.2943

# Complementary

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



48.0903, 0.3563, 0.3858



31.3948, 0.2671, 0.2649

# 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.



48.0903, 0.2967, 0.2789



48.0903, 0.3563, 0.3858



48.0903, 0.2534, 0.2848

# Square

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



48.0903, 0.3563, 0.3858



48.0903, 0.2669, 0.3381



48.0903, 0.2691, 0.2752



48.0903, 0.3600, 0.3180



# Rectangle

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



48.0903, 0.3563, 0.3858



48.0903, 0.3040, 0.3756



48.0903, 0.2691, 0.2752



48.0903, 0.3188, 0.2880

# Sweetspot

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



48.0925, 0.3563, 0.3858



94.3740, 0.3250, 0.3454



32.7556, 0.3604, 0.3161



20.5321, 0.3273, 0.3486



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

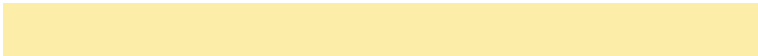


# Same Dimension

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



48.0925, 0.3563, 0.3858



84.9353, 0.3669, 0.3989



49.9008, 0.3389, 0.3998



11.4564, 0.3269, 0.3480



24.3809, 0.4526, 0.4788



1.1325, 0.4440, 0.4857



# Inverse Universe

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



31.3948, 0.2671, 0.2649



49.5219, 0.2553, 0.2477



30.2017, 0.2809, 0.2545



10.0196, 0.2983, 0.3093



3.3638, 0.1546, 0.0764



0.2334, 0.1650, 0.1140



# Previews

## White Background



This preview shows how the Yxy color 48.0903, 0.3563, 0.3858 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 48.0903, 0.3563, 0.3858 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 48.0903, 0.3563, 0.3858**

## Background



This preview shows how black text looks on a background with the Yxy color 48.0903, 0.3563, 0.3858.



This preview shows how white text looks on a background with the Yxy color 48.0903, 0.3563, 0.3858.

# 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

48.0903, 0.3563, 0.3858

### Protanopia

48.0744, 0.3593, 0.3841

### Deuteranopia

48.0264, 0.3778, 0.3703



## Tritanopia

47.9259, 0.3204, 0.3118

# Trichromacy



## Original Color

48.0903, 0.3563, 0.3858

## Protanomaly

47.9398, 0.3584, 0.3843

## Deuteranomaly

48.0054, 0.3701, 0.3762

## Tritanomaly

48.0706, 0.3341, 0.3391

# Monochromacy



## Original Color

48.0903, 0.3563, 0.3858

## Achromatopsia

47.3531, 0.3127, 0.3290

## Achromatomaly

47.6729, 0.3280, 0.3499

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 48.0903, 0.3563, 0.3858 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(194, 185, 141)` looks like.

```
.text, #text, p{  
    color:rgb(194, 185, 141)  
}
```

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(194, 185, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 185, 141) }
```

## Border

The CSS property to change the border of an element to Yxy 48.0903, 0.3563, 0.3858 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(194, 185, 141) }
```

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

```
.border{ border-color:rgb(194, 185, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 185, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 185, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 185, 141);  
box-shadow:4px 4px 4px 4px rgb(194, 185,  
141) }
```



# Background

The CSS property to change the background color of an element to Yxy 48.0903, 0.3563, 0.3858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 185, 141) }
```

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

```
.background{ background-color: rgb(194,  
185, 141) }
```

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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