

# Converting Colors

$Yxy(58.1445, 0.3614, 0.3882)$

Have a look what the booklet for  
Yxy(58.1445, 0.3614, 0.3882)  
contains.

<b>Yxy(58.3038, 0.3609, 0.3882)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(58.3038, 0.3609, 0.3882)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6C997
RGB	214, 201, 151
RGB Percent	84%, 79%, 59%
CMY	0.1608, 0.2117, 0.4078
CMYK	0.00, 0.06, 0.29, 0.16
HSL	48°, 43%, 72%
HSV	48°, 29%, 84%
XYZ	54.2036, 58.3038, 37.6827
YIQ	199.1870, 23.7980, -12.7940

# Conversions

## Conversions Part 2

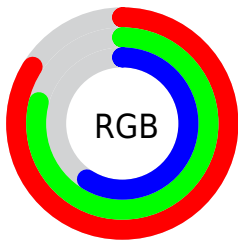
<b>Format</b>	<b>Color</b>
<b>RYB</b>	167, 214, 151
Decimal	14076311
CIELab	80.91, -3.07, 26.66
CIELCh	81, 26.839, 96.565
Yxy	58.3038, 0.3609, 0.3882
Android (android.graphics.Color)	4292266391 (0xFFD6C997)
YUV	199.1870, -23.7562, 12.9910
Hunter-Lab	76.3569, -6.9125, 24.1898

# Details

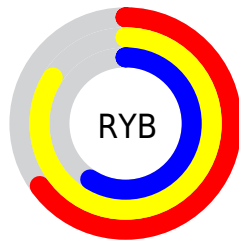
The Yxy color **58.3038, 0.3609, 0.3882** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.9888, 0.2631, 0.2618**, and the grayscale version is **57.3727, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2362, 0.3418, 0.3770**, and **29.0566, 0.3720, 0.4028** is the 20% darker color. If you saturate the color by 10%, you get **55.6449, 0.3787, 0.4084**, and if you desaturate by 10%, it is **61.1533, 0.3436, 0.3677**.

# Distribution



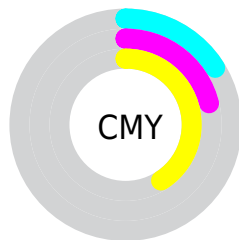
- Red (84%)
- Green (79%)
- Blue (59%)



- Red (65%)
- Yellow (84%)
- Blue (59%)



- Cyan (0%)
- Magenta (6%)
- Yellow (29%)
- Black (16%)




- Cyan (16%)
- Magenta (21%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 58.3038, 0.3609, 0.3882 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 58.3038, 0.3609, 0.3882 by changing the saturation by 10% instead.




 58.3038, 0.3609,  
0.3882

 58.3038, 0.3609,  
0.3882


418.3170, 0.3380,  
0.3597

 42.0529, 0.3662,  
0.3949


 102.3651, 0.3529,  
0.3781

 29.1427, 0.3728,  
0.4033


 130.9444, 0.3498,  
0.3743

 19.1888, 0.3811,  
0.4140


164.4019, 0.3471,  
0.3710

 11.8068, 0.3918,  
0.4281

203.1220, 0.3448,  
0.3681

 6.6123, 0.4061,  
0.4473

247.4892, 0.3428,  
0.3656

 3.2208, 0.4269,  
0.4761

297.8879, 0.3410,

 1.2481, 0.4672,

0.3634

354.7023, 0.3394,  
0.3615

0.5328

0.1005, 0.1699,  
0.8301

0.0000, 0.0000,  
0.0000

58.3038, 0.3609,  
0.3882

58.3038, 0.3609,  
0.3882

55.6449, 0.3787,  
0.4084

61.1533, 0.3436,  
0.3677

53.1613, 0.3966,  
0.4273

64.1923, 0.3272,  
0.3474

50.8478, 0.4137,  
0.4440

67.4298, 0.3119,  
0.3279

48.6954, 0.4293,  
0.4574

70.8718, 0.2978,  
0.3095

46.6943, 0.4427,  
0.4667

74.3282, 0.2868,  
0.2953

44.8326, 0.4533,  
0.4713

76.7181, 0.2870,  
0.3001

43.0911, 0.4612,  
0.4717

79.1699, 0.2872,  
0.3048

42.9937, 0.4616,  
0.4717

81.6841, 0.2874,  
0.3095

84.2611, 0.2876,  
0.3142

# Harmonies

## Analogous

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



58.3038, 0.3797, 0.3704



58.3038, 0.3609, 0.3882



58.3038, 0.3296, 0.3899

# Triad

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



58.3038, 0.3609, 0.3882



58.3038, 0.2500, 0.3083



58.3038, 0.3281, 0.2907

# Complementary

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



58.3038, 0.3609, 0.3882



37.9888, 0.2631, 0.2618

# 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.



58.3038, 0.2930, 0.2754



58.3038, 0.3609, 0.3882



58.3038, 0.2495, 0.2838

# Square

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



58.3038, 0.3609, 0.3882



58.3038, 0.2662, 0.3413



58.3038, 0.2648, 0.2725



58.3038, 0.3605, 0.3150



# Rectangle

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



58.3038, 0.3609, 0.3882



58.3038, 0.3063, 0.3802



58.3038, 0.2648, 0.2725



58.3038, 0.3162, 0.2844

# Sweetspot

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



58.3064, 0.3609, 0.3882



95.6266, 0.3266, 0.3467



39.1390, 0.3636, 0.3124



20.3216, 0.3290, 0.3497



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.



58.3064, 0.3609, 0.3882



84.3384, 0.3714, 0.4002



62.0803, 0.3427, 0.4057



14.0648, 0.3271, 0.3474



26.1421, 0.4609, 0.4723



1.6889, 0.4524, 0.4790



# Inverse Universe

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



37.9888, 0.2631, 0.2618



49.6452, 0.2519, 0.2457



35.4140, 0.2759, 0.2471



12.4194, 0.2982, 0.3099



4.1503, 0.1560, 0.0815

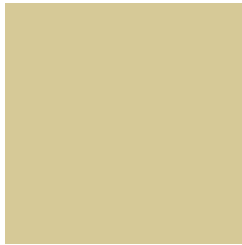


0.3711, 0.1648, 0.1134



# Previews

## White Background



This preview shows how the Yxy color 58.3038, 0.3609, 0.3882 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 58.3038, 0.3609, 0.3882 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

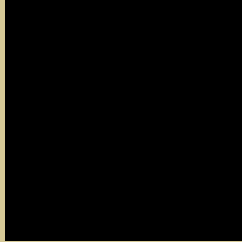
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

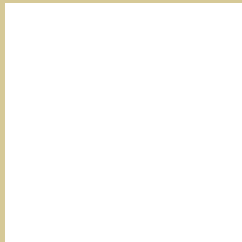
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 58.3038, 0.3609, 0.3882**

## **Background**



This preview shows how black text looks on a background with the Yxy color 58.3038, 0.3609, 0.3882.



This preview shows how white text looks on a background with the Yxy color 58.3038, 0.3609, 0.3882.

# 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

58.3038, 0.3609, 0.3882

### Protanopia

58.4547, 0.3618, 0.3880

### Deuteranopia

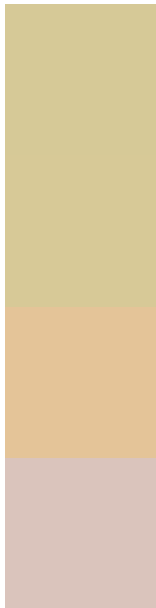
58.2727, 0.3810, 0.3737



## Tritanopia

58.1155, 0.3232, 0.3110

# Trichromacy



## Original Color

58.3038, 0.3609, 0.3882

## Protanomaly

58.4547, 0.3618, 0.3880

## Deuteranomaly

58.2408, 0.3738, 0.3793

## Tritanomaly

58.0161, 0.3367, 0.3383

# Monochromacy



## Original Color

58.3038, 0.3609, 0.3882

## Achromatopsia

57.1125, 0.3127, 0.3290

## Achromatomaly

57.5233, 0.3292, 0.3507

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 58.3038, 0.3609, 0.3882 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(214, 201, 151)` looks like.

```
.text, #text, p{  
    color:rgb(214, 201, 151)  
}
```

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(214, 201, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 201, 151) }
```

## Border

The CSS property to change the border of an element to Yxy 58.3038, 0.3609, 0.3882 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(214, 201, 151) }
```

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

```
.border{ border-color:rgb(214, 201, 151) }
```

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

Here you see how a box with a 4 pixel rgb(214, 201, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 201, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 201, 151);  
box-shadow:4px 4px 4px 4px rgb(214, 201,  
151) }
```



# Background

The CSS property to change the background color of an element to Yxy 58.3038, 0.3609, 0.3882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 201, 151) }
```

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

```
.background{ background-color: rgb(214,  
201, 151) }
```

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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