

Converting Colors

$Yxy(48.7707, 0.3540, 0.3566)$

Have a look what the booklet for
Yxy(48.7707, 0.3540, 0.3566)
contains.

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Color

Yxy(48.8163, 0.3541, 0.3563)

Conversions

Conversions Part 1

Format	Color
Hex	CFB59F
RGB	207, 181, 159
RGB Percent	81%, 71%, 62%
CMY	0.1882, 0.2902, 0.3764
CMYK	0.00, 0.13, 0.23, 0.19
HSL	27°, 33%, 72%
HSV	27°, 23%, 81%
XYZ	48.5149, 48.8163, 39.6778
YIQ	186.2660, 22.5580, -1.3300

Conversions

Conversions Part 2

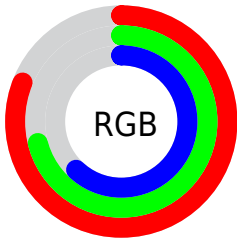
Format	Color
R _Y B	207, 200, 159
Decimal	13612447
CIE Lab	75.34, 5.90, 14.62
CIE LCh	75, 15.768, 68.037
Yxy	48.8163, 0.3541, 0.3563
Android (android.graphics.Color)	4291802527 (0xFFCFB59F)
YUV	186.2660, -13.4421, 18.1837
Hunter-Lab	69.8687, 1.6753, 15.2378

Details

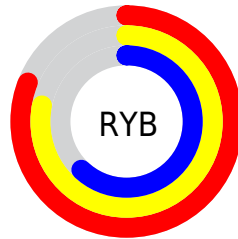
The Yxy color **48.8163, 0.3541, 0.3563** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.5841, 0.2764, 0.3000**, and the grayscale version is **49.3289, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.6834, 0.3397, 0.3520**, and **23.1965, 0.3652, 0.3624** is the 20% darker color. If you saturate the color by 10%, you get **43.7795, 0.3763, 0.3688**, and if you desaturate by 10%, it is **54.3451, 0.3346, 0.3441**.

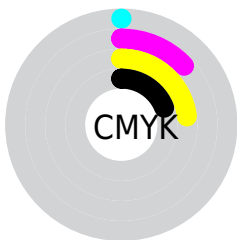
Distribution



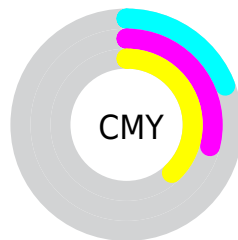
- Red (81%)
- Green (71%)
- Blue (62%)



- Red (81%)
- Yellow (78%)
- Blue (62%)



- Cyan (0%)
- Magenta (13%)
- Yellow (23%)
- Black (19%)





- Cyan (19%)
- Magenta (29%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.8163, 0.3541, 0.3563 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 48.8163, 0.3541, 0.3563 by changing the saturation by 10% instead.

 48.8163, 0.3541,
0.3563

 48.8163, 0.3541,
0.3563


382.0187, 0.3335,
0.3430

 34.4738, 0.3592,
0.3595


 88.4186, 0.3466,
0.3516

 23.2578, 0.3658,
0.3635


 114.4471, 0.3438,
0.3498

 14.7840, 0.3744,
0.3687


145.1397, 0.3414,
0.3482

 8.6679, 0.3864,
0.3757

180.8809, 0.3394,
0.3469

 4.5252, 0.4039,
0.3854

222.0550, 0.3376,
0.3457

 1.9715, 0.4323,
0.4001

269.0464, 0.3361,

 0.5908, 0.5442,

0.3447

0.4558

322.2395, 0.3347,
0.3438

0.0000, 0.0000,
0.0000

48.8163, 0.3541,
0.3563

48.8163, 0.3541,
0.3563

43.7795, 0.3763,
0.3688

54.3451, 0.3346,
0.3441

39.2135, 0.4013,
0.3810

60.3731, 0.3176,
0.3325

35.1051, 0.4286,
0.3921

66.9159, 0.3029,
0.3217

31.4378, 0.4577,
0.4012

73.9861, 0.2902,
0.3117

28.1940, 0.4872,
0.4069

81.1018, 0.2833,
0.3101

■ 25.3543, 0.5151,
0.4079

■ 87.8042, 0.2840,
0.3220

■ 22.8969, 0.5396,
0.4036

■ 92.0049, 0.2844,
0.3289

■ 21.4200, 0.5541,
0.3982

Harmonies

Analogous

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



48.8163, 0.3545, 0.3398



48.8163, 0.3541, 0.3563



48.8163, 0.3423, 0.3662

Triad

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



48.8163, 0.3541, 0.3563



48.8163, 0.2828, 0.3359



48.8163, 0.3017, 0.2950

Complementary

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



48.8163, 0.3541, 0.3563



46.5841, 0.2764, 0.3000

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.



48.8163, 0.2832, 0.2931



48.8163, 0.3541, 0.3563



48.8163, 0.2727, 0.3158

Square

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



48.8163, 0.3541, 0.3563



48.8163, 0.3009, 0.3547



48.8163, 0.2728, 0.3003



48.8163, 0.3237, 0.3052

Rectangle

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



48.8163, 0.3541, 0.3563



48.8163, 0.3297, 0.3673



48.8163, 0.2728, 0.3003



48.8163, 0.2949, 0.2933

Sweetspot

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



48.8185, 0.3541, 0.3563



92.8867, 0.3240, 0.3370



41.5904, 0.3348, 0.2966



19.7544, 0.3250, 0.3377



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.



48.8185, 0.3541, 0.3563



73.9760, 0.3652, 0.3627



59.2395, 0.3480, 0.3837



12.6879, 0.3279, 0.3397



13.6807, 0.5519, 0.4000



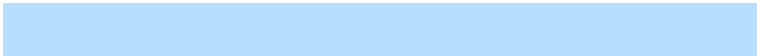
0.9227, 0.5214, 0.4242

Inverse Universe

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



46.5841, 0.2764, 0.3000



69.7564, 0.2681, 0.2926



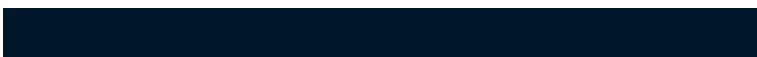
37.5170, 0.2739, 0.2677



12.4638, 0.2983, 0.3181



10.3534, 0.1814, 0.1731



0.7366, 0.1901, 0.2042

Previews

White Background



This preview shows how the Yxy color 48.8163, 0.3541, 0.3563 looks on a white background.

Color Contrast Check

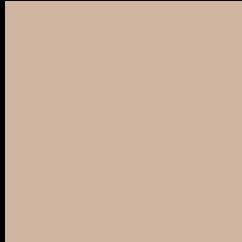
Large Text (above 18pt) WCAG AA × Fail

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 48.8163, 0.3541, 0.3563 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 48.8163, 0.3541, 0.3563

Background



This preview shows how black text looks on a background with the Yxy color 48.8163, 0.3541, 0.3563.



This preview shows how white text looks on a background with the Yxy color 48.8163, 0.3541, 0.3563.

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

48.8163, 0.3541, 0.3563

Protanopia

48.8732, 0.3407, 0.3597

Deuteranopia

48.8895, 0.3602, 0.3535



Tritanopia

49.0109, 0.3319, 0.3135

Trichromacy



Original Color

48.8163, 0.3541, 0.3563

Protanomaly

48.9612, 0.3453, 0.3594

Deuteranomaly

48.9946, 0.3581, 0.3548

Tritanomaly

48.7971, 0.3402, 0.3279

Monochromacy



Original Color

48.8163, 0.3541, 0.3563

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.8849, 0.3277, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.8163, 0.3541, 0.3563 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(207, 181, 159)` looks like.

```
.text, #text, p{  
    color:rgb(207, 181, 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(207, 181, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 181, 159) }
```

Border

The CSS property to change the border of an element to Yxy 48.8163, 0.3541, 0.3563 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(207, 181, 159) }
```

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

```
.border{ border-color:rgb(207, 181, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 181, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 181, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 181, 159); box-shadow:4px 4px 4px 4px rgb(207, 181, 159) }
```


Background

The CSS property to change the background color of an element to Yxy 48.8163, 0.3541, 0.3563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 181, 159) }
```

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

```
.background{ background-color: rgb(207,  
181, 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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