

Converting Colors

$Yxy(48.5393, 0.3617, 0.3918)$

Have a look what the booklet for
Yxy(48.5393, 0.3617, 0.3918)
contains.

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Color

Yxy(48.6597, 0.3610, 0.3918)

Conversions

Conversions Part 1

Format	Color
Hex	C4BA89
RGB	196, 186, 137
RGB Percent	77%, 73%, 54%
CMY	0.2315, 0.2705, 0.4627
CMYK	0.00, 0.05, 0.30, 0.23
HSL	50°, 33%, 65%
HSV	50°, 30%, 77%
XYZ	44.8345, 48.6597, 30.7011
YIQ	183.4040, 21.6890, -13.1190

Conversions

Conversions Part 2

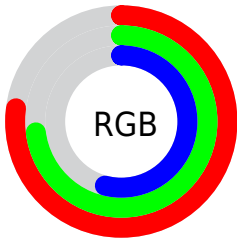
Format	Color
RYB	149, 196, 137
Decimal	12892809
CIELab	75.24, -4.05, 26.16
CIELCh	75, 26.473, 98.806
Yxy	48.6597, 0.3610, 0.3918
Android (android.graphics.Color)	4291082889 (0xFFC4BA89)
YUV	183.4040, -22.8772, 11.0467
Hunter-Lab	69.7565, -7.3469, 22.7350

Details

The Yxy color **48.6597, 0.3610, 0.3918** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.1631, 0.2618, 0.2572**, and the grayscale version is **47.7063, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.1485, 0.3523, 0.3803**, and **23.1259, 0.3727, 0.4087** is the 20% darker color. If you saturate the color by 10%, you get **46.7707, 0.3781, 0.4126**, and if you desaturate by 10%, it is **50.6876, 0.3442, 0.3705**.

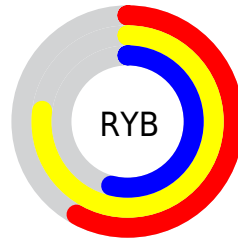
Distribution



Red (77%)

Green (73%)

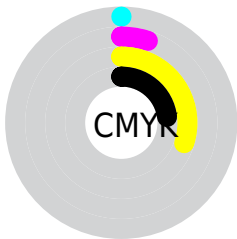
Blue (54%)



Red (58%)

Yellow (77%)

Blue (54%)

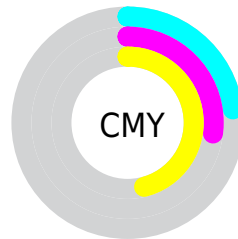


Cyan (0%)

Magenta (5%)

Yellow (30%)

Black (23%)



Cyan (23%)

Magenta (27%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.6597, 0.3610, 0.3918 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 48.6597, 0.3610, 0.3918 by changing the saturation by 10% instead.


 48.6597, 0.3610,
0.3918


 48.6597, 0.3610,
0.3918


381.4011, 0.3374,
0.3606


 34.3496, 0.3666,
0.3995


 88.1858, 0.3526,
0.3805

 23.1623, 0.3737,
0.4092


 114.1706, 0.3494,
0.3763

 14.7134, 0.3827,
0.4218


 144.8158, 0.3467,
0.3727

 8.6185, 0.3946,
0.4388

180.5058, 0.3443,
0.3696

 4.4932, 0.4103,
0.4626

221.6249, 0.3422,
0.3669

 1.9531, 0.4634,
0.5344

268.5575, 0.3404,

 0.5800, 0.4382,

0.3645

0.5618

321.6882, 0.3388,
0.3624

0.0000, 0.0000,
0.0000

48.6597, 0.3610,
0.3918

48.6597, 0.3610,
0.3918

46.7707, 0.3781,
0.4126

50.6876, 0.3442,
0.3705

45.0083, 0.3950,
0.4320

52.8530, 0.3280,
0.3495

43.3682, 0.4109,
0.4490


55.1633, 0.3128,
0.3292

41.8437, 0.4251,
0.4628


57.6230, 0.2988,
0.3099

40.4268, 0.4370,
0.4724


60.2366, 0.2859,
0.2919


 39.1081, 0.4461,
0.4775

 63.0084, 0.2743,
0.2752

 37.8800, 0.4528,
0.4787

 64.6437, 0.2743,
0.2786

 66.2869, 0.2746,
0.2824

 67.9641, 0.2749,
0.2861

Harmonies

Analogous

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



48.6597, 0.3820, 0.3740



48.6597, 0.3610, 0.3918



48.6597, 0.3276, 0.3923

Triad

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



48.6597, 0.3610, 0.3918



48.6597, 0.2466, 0.3049



48.6597, 0.3316, 0.2906

Complementary

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



48.6597, 0.3610, 0.3918



30.1631, 0.2618, 0.2572

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.



48.6597, 0.2946, 0.2738



48.6597, 0.3610, 0.3918



48.6597, 0.2474, 0.2802

Square

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



48.6597, 0.3610, 0.3918



48.6597, 0.2622, 0.3392



48.6597, 0.2644, 0.2697



48.6597, 0.3649, 0.3165

Rectangle

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



48.6597, 0.3610, 0.3918



48.6597, 0.3032, 0.3811



48.6597, 0.2644, 0.2697



48.6597, 0.3191, 0.2838

Sweetspot

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



48.6619, 0.3610, 0.3918



96.1605, 0.3265, 0.3475



31.7601, 0.3670, 0.3147



20.4539, 0.3288, 0.3506



0.0000, 0.0000, 0.0000



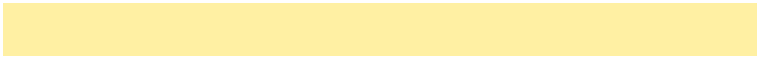
21.4041, 0.3127, 0.3290

Same Dimension

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



48.6619, 0.3610, 0.3918



85.9339, 0.3721, 0.4054



50.6564, 0.3415, 0.4075



11.4594, 0.3269, 0.3480



24.4569, 0.4522, 0.4791



1.1352, 0.4437, 0.4859

Inverse Universe

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



30.1631, 0.2618, 0.2572



47.1503, 0.2494, 0.2387



28.9163, 0.2770, 0.2460



10.0168, 0.2983, 0.3093



3.3510, 0.1545, 0.0762



0.2322, 0.1649, 0.1135

Previews

White Background



This preview shows how the Yxy color 48.6597, 0.3610, 0.3918 looks on a white background.

Color Contrast Check

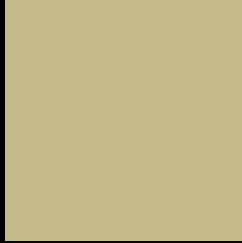
Large Text (above 18pt) WCAG AA × Fail

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 48.6597, 0.3610, 0.3918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

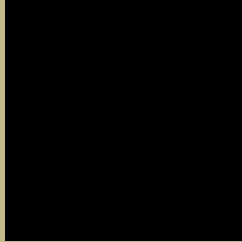
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

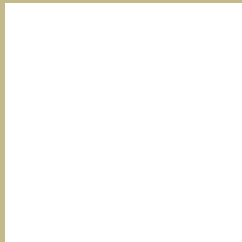
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.6597, 0.3610, 0.3918

Background



This preview shows how black text looks on a background with the Yxy color 48.6597, 0.3610, 0.3918.



This preview shows how white text looks on a background with the Yxy color 48.6597, 0.3610, 0.3918.

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

48.6597, 0.3610, 0.3918

Protanopia

48.6462, 0.3641, 0.3900

Deuteranopia

48.6103, 0.3828, 0.3759



Tritanopia

48.7870, 0.3221, 0.3120

Trichromacy



Original Color

48.6597, 0.3610, 0.3918

Protanomaly

48.5098, 0.3632, 0.3902

Deuteranomaly

48.5844, 0.3750, 0.3820

Tritanomaly

48.7524, 0.3357, 0.3403

Monochromacy



Original Color

48.6597, 0.3610, 0.3918

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.7255, 0.3306, 0.3524

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6597, 0.3610, 0.3918 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(196, 186, 137)` looks like.

```
.text, #text, p{  
    color:rgb(196, 186, 137)  
}
```

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(196, 186, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 186, 137) }
```

Border

The CSS property to change the border of an element to Yxy 48.6597, 0.3610, 0.3918 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(196, 186, 137) }
```

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

```
.border{ border-color:rgb(196, 186, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 186, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 186, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 186, 137);  
box-shadow:4px 4px 4px 4px rgb(196, 186,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6597, 0.3610, 0.3918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 186, 137) }
```

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

```
.background{ background-color: rgb(196,  
186, 137) }
```

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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