

Converting Colors

$Yxy(50.7892, 0.3658, 0.3834)$

Have a look what the booklet for
Yxy(50.7892, 0.3658, 0.3834)
contains.

Yxy(50.7892, 0.3658, 0.3834)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.7892, 0.3658, 0.3834)

Conversions

Conversions Part 1

Format	Color
Hex	CFBB8F
RGB	207, 187, 143
RGB Percent	81%, 73%, 56%
CMY	0.1882, 0.2666, 0.4393
CMYK	0.00, 0.10, 0.31, 0.19
HSL	41°, 40%, 69%
HSV	41°, 31%, 81%
XYZ	48.4577, 50.7892, 33.2236
YIQ	187.9640, 26.0440, -9.4440

Conversions

Conversions Part 2

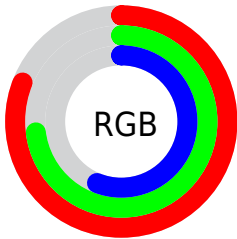
Format	Color
RYB	172, 207, 143
Decimal	13613967
CIELab	76.55, 0.51, 24.93
CIELCh	77, 24.930, 88.836
Yxy	50.7892, 0.3658, 0.3834
Android (android.graphics.Color)	4291804047 (0xFFCFBB8F)
YUV	187.9640, -22.1673, 16.6946
Hunter-Lab	71.2665, -3.3453, 22.2463

Details

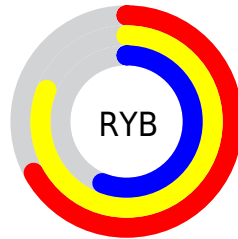
The Yxy color **50.7892, 0.3658, 0.3834** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.5215, 0.2616, 0.2678**, and the grayscale version is **50.3848, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.3924, 0.3496, 0.3749**, and **24.4983, 0.3804, 0.3982** is the 20% darker color. If you saturate the color by 10%, you get **47.5404, 0.3856, 0.4012**, and if you desaturate by 10%, it is **54.2818, 0.3471, 0.3653**.

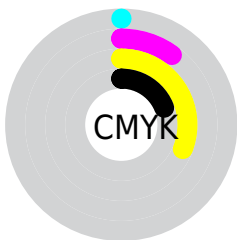
Distribution



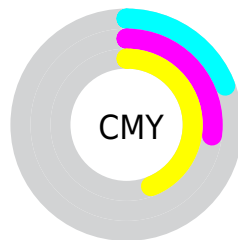
- Red (81%)
- Green (73%)
- Blue (56%)



- Red (67%)
- Yellow (81%)
- Blue (56%)



- Cyan (0%)
- Magenta (10%)
- Yellow (31%)
- Black (19%)





- Cyan (19%)
- Magenta (27%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.7892, 0.3658, 0.3834 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 50.7892, 0.3658, 0.3834 by changing the saturation by 10% instead.


 50.7892, 0.3658,
0.3834

 50.7892, 0.3658,
0.3834


389.7442, 0.3398,
0.3568

 36.0409, 0.3720,
0.3898


 91.3431, 0.3565,
0.3739

 24.4658, 0.3799,
0.3978


 117.9175, 0.3530,
0.3703

 15.6795, 0.3900,
0.4080


149.2026, 0.3500,
0.3672

 9.2976, 0.4035,
0.4217

185.5830, 0.3474,
0.3646

 4.9358, 0.4219,
0.4402

227.4429, 0.3451,
0.3623

 2.2097, 0.4630,
0.4819

275.1668, 0.3431,

 0.7253, 0.4917,

0.3602

0.5083

329.1391, 0.3414,
0.3584

0.0000, 0.0000,
0.0000

50.7892, 0.3658,
0.3834

50.7892, 0.3658,
0.3834

47.5404, 0.3856,
0.4012

54.2818, 0.3471,
0.3653

44.5205, 0.4060,
0.4178

58.0186, 0.3298,
0.3476

41.7231, 0.4263,
0.4323

62.0091, 0.3141,
0.3305

39.1388, 0.4456,
0.4435

66.2598, 0.2999,
0.3145

36.7569, 0.4630,
0.4505

70.7772, 0.2872,
0.2995

■ 34.5651, 0.4774,
0.4525

■ 74.7587, 0.2826,
0.2979

■ 32.7229, 0.4882,
0.4505

■ 78.3351, 0.2830,
0.3049

■ 82.0455, 0.2834,
0.3118

■ 85.8910, 0.2838,
0.3187

Harmonies

Analogous

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



50.7892, 0.3798, 0.3632



50.7892, 0.3658, 0.3834



50.7892, 0.3377, 0.3895

Triad

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



50.7892, 0.3658, 0.3834



50.7892, 0.2543, 0.3168



50.7892, 0.3188, 0.2869

Complementary

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



50.7892, 0.3658, 0.3834



36.5215, 0.2616, 0.2678

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.



50.7892, 0.2855, 0.2748



50.7892, 0.3658, 0.3834



50.7892, 0.2498, 0.2900

Square

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



50.7892, 0.3658, 0.3834



50.7892, 0.2737, 0.3494



50.7892, 0.2609, 0.2755



50.7892, 0.3519, 0.3087

Rectangle

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



50.7892, 0.3658, 0.3834



50.7892, 0.3153, 0.3833



50.7892, 0.2609, 0.2755



50.7892, 0.3072, 0.2816

Sweetspot

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



50.7915, 0.3658, 0.3834



94.1227, 0.3269, 0.3444



35.5542, 0.3601, 0.3035



19.9496, 0.3293, 0.3470



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.



50.7915, 0.3658, 0.3834



77.9668, 0.3786, 0.3951



58.2428, 0.3493, 0.4082



13.1490, 0.3274, 0.3449



20.7932, 0.4870, 0.4515



1.3008, 0.4717, 0.4637

Inverse Universe

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



36.5215, 0.2616, 0.2678



51.6329, 0.2498, 0.2523



31.0807, 0.2681, 0.2413



12.0113, 0.2982, 0.3126



5.3428, 0.1622, 0.1038



0.4399, 0.1726, 0.1413

Previews

White Background



This preview shows how the Yxy color 50.7892, 0.3658, 0.3834 looks on a white background.

Color Contrast Check

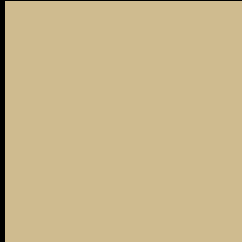
Large Text (above 18pt) WCAG AA × Fail

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 50.7892, 0.3658, 0.3834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

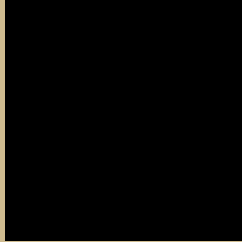
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.7892, 0.3658, 0.3834

Background



This preview shows how black text looks on a background with the Yxy color 50.7892, 0.3658, 0.3834.



This preview shows how white text looks on a background with the Yxy color 50.7892, 0.3658, 0.3834.

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

50.7892, 0.3658, 0.3834

Protanopia

50.9654, 0.3598, 0.3853

Deuteranopia

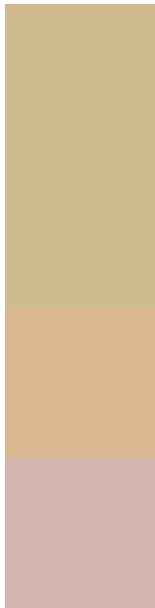
50.5910, 0.3809, 0.3728



Tritanopia

50.6837, 0.3299, 0.3125

Trichromacy



Original Color

50.7892, 0.3658, 0.3834

Protanomaly

50.8174, 0.3619, 0.3838

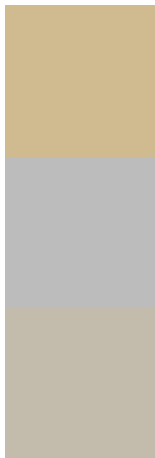
Deuteranomaly

50.6323, 0.3755, 0.3759

Tritanomaly

50.8110, 0.3436, 0.3388

Monochromacy



Original Color

50.7892, 0.3658, 0.3834

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.5471, 0.3312, 0.3492

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7892, 0.3658, 0.3834 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, 187, 143)` looks like.

```
.text, #text, p{  
    color:rgb(207, 187, 143)  
}
```

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, 187, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 187, 143) }
```

Border

The CSS property to change the border of an element to Yxy 50.7892, 0.3658, 0.3834 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, 187, 143) }
```

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

```
.border{ border-color:rgb(207, 187, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 187, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 187, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 187, 143);  
box-shadow:4px 4px 4px 4px rgb(207, 187,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7892, 0.3658, 0.3834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 187, 143) }
```

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

```
.background{ background-color: rgb(207,  
187, 143) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor