

Converting Colors

Yxy(50.6843, 0.3606, 0.3767)

Have a look what the booklet for
Yxy(50.6843, 0.3606, 0.3767)
contains.

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Color

Yxy(50.8006, 0.3608, 0.3773)

Conversions

Conversions Part 1

Format	Color
Hex	CEBB94
RGB	206, 187, 148
RGB Percent	81%, 73%, 58%
CMY	0.1920, 0.2667, 0.4196
CMYK	0.00, 0.09, 0.28, 0.19
HSL	40°, 37%, 69%
HSV	40°, 28%, 81%
XYZ	48.5790, 50.8006, 35.2629
YIQ	188.2350, 23.8430, -8.1010

Conversions

Conversions Part 2

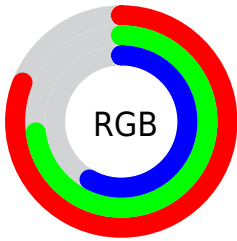
Format	Color
RYB	176, 206, 148
Decimal	13548436
CIELab	76.56, 0.81, 22.24
CIElCh	77, 22.252, 87.915
Yxy	50.8006, 0.3608, 0.3773
Android (android.graphics.Color)	4291738516 (0xFFCEBB94)
YUV	188.2350, -19.8359, 15.5799
Hunter-Lab	71.2745, -3.0692, 20.5586

Details

The Yxy color $50.8006, 0.3608, 0.3773$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $38.4146, 0.2666, 0.2754$, and the grayscale version is $50.5389, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.6255, 0.3464, 0.3699$, and $24.4926, 0.3737, 0.3904$ is the 20% darker color. If you saturate the color by 10%, you get $47.4044, 0.3806, 0.3949$, and if you desaturate by 10%, it is $54.4529, 0.3423, 0.3597$.

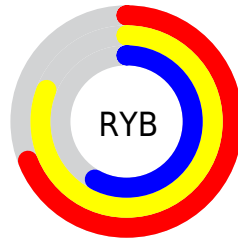
Distribution



Red (81%)

Green (73%)

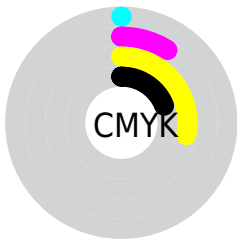
Blue (58%)



Red (69%)

Yellow (81%)

Blue (58%)

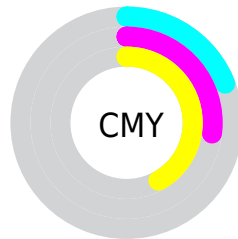


Cyan (0%)

Magenta (9%)

Yellow (28%)

Black (19%)



Cyan (19%)


Magenta (27%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.8006, 0.3608, 0.3773 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 50.8006, 0.3608, 0.3773 by changing the saturation by 10% instead.


 50.8006, 0.3608,
0.3773

 50.8006, 0.3608,
0.3773

389.7886, 0.3372,
0.3537

 36.0499, 0.3665,
0.3830


 91.3600, 0.3524,
0.3689

 24.4728, 0.3737,
0.3901


 117.9374, 0.3491,
0.3657

 15.6847, 0.3830,
0.3994


149.2260, 0.3464,
0.3629

 9.3013, 0.3956,
0.4118

185.6100, 0.3441,
0.3606

 4.9382, 0.4130,
0.4289

227.4739, 0.3420,
0.3585

 2.2111, 0.4463,
0.4616

275.2020, 0.3402,

 0.7260, 0.4944,

0.3567

0.5056

329.1788, 0.3386,
0.3551

0.0000, 0.0000,
0.0000

50.8006, 0.3608,
0.3773

50.8006, 0.3608,
0.3773

47.4044, 0.3806,
0.3949

54.4529, 0.3423,
0.3597

44.2492, 0.4013,
0.4116

58.3617, 0.3254,
0.3425

41.3288, 0.4222,
0.4265

62.5365, 0.3100,
0.3261

38.6338, 0.4425,
0.4384

66.9841, 0.2962,
0.3107

36.1538, 0.4612,
0.4463

71.7109, 0.2840,
0.2964

■ 33.8767, 0.4773,
0.4494

■ 75.6050, 0.2821,
0.2998

■ 31.7858, 0.4903,
0.4476

■ 79.3914, 0.2825,
0.3071

■ 31.4190, 0.4925,
0.4471

■ 83.3251, 0.2830,
0.3144

■ 87.4075, 0.2834,
0.3215

Harmonies

Analogous

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



50.8006, 0.3726, 0.3592



50.8006, 0.3608, 0.3773



50.8006, 0.3361, 0.3829

Triad

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



50.8006, 0.3608, 0.3773



50.8006, 0.2607, 0.3192



50.8006, 0.3173, 0.2906

Complementary

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



50.8006, 0.3608, 0.3773



38.4146, 0.2666, 0.2754

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.



50.8006, 0.2877, 0.2801



50.8006, 0.3608, 0.3773



50.8006, 0.2561, 0.2949

Square

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



50.8006, 0.3608, 0.3773



50.8006, 0.2786, 0.3481



50.8006, 0.2657, 0.2813



50.8006, 0.3469, 0.3102

Rectangle

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



50.8006, 0.3608, 0.3773



50.8006, 0.3161, 0.3776



50.8006, 0.2657, 0.2813



50.8006, 0.3070, 0.2860

Sweetspot

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



50.8029, 0.3608, 0.3773



94.5557, 0.3253, 0.3423



37.1125, 0.3536, 0.3047



20.0265, 0.3277, 0.3449



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.



50.8029, 0.3608, 0.3773



78.7816, 0.3730, 0.3883



58.0894, 0.3469, 0.4007



12.4517, 0.3274, 0.3445



19.5207, 0.4912, 0.4482



1.1420, 0.4738, 0.4620

Inverse Universe

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



38.4146, 0.2666, 0.2754



55.4044, 0.2555, 0.2613



32.8759, 0.2720, 0.2499



11.4356, 0.2983, 0.3130



5.4217, 0.1634, 0.1080



0.4183, 0.1745, 0.1483

Previews

White Background



This preview shows how the Yxy color 50.8006, 0.3608, 0.3773 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 50.8006, 0.3608, 0.3773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

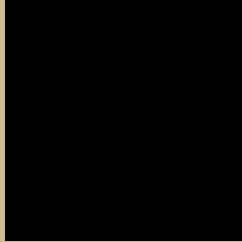
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

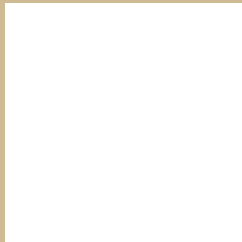
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.8006, 0.3608, 0.3773

Background



This preview shows how black text looks on a background with the Yxy color 50.8006, 0.3608, 0.3773.



This preview shows how white text looks on a background with the Yxy color 50.8006, 0.3608, 0.3773.

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

50.8006, 0.3608, 0.3773

Protanopia

50.9826, 0.3548, 0.3792

Deuteranopia

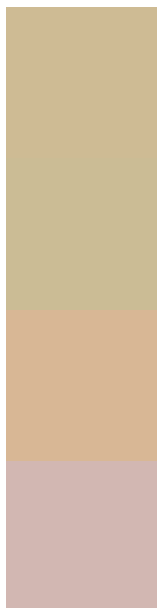
50.5898, 0.3756, 0.3671



Tritanopia

50.9849, 0.3281, 0.3125

Trichromacy



Original Color

50.8006, 0.3608, 0.3773

Protanomaly

50.8329, 0.3569, 0.3777

Deuteranomaly

50.6358, 0.3703, 0.3700

Tritanomaly

50.7830, 0.3402, 0.3351

Monochromacy



Original Color

50.8006, 0.3608, 0.3773

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.5857, 0.3304, 0.3479

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8006, 0.3608, 0.3773 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(206, 187, 148)` looks like.

```
.text, #text, p{  
    color:rgb(206, 187, 148)  
}
```

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(206, 187, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 187, 148) }
```

Border

The CSS property to change the border of an element to Yxy 50.8006, 0.3608, 0.3773 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(206, 187, 148) }
```

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

```
.border{ border-color:rgb(206, 187, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 187, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 187, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 187, 148);  
box-shadow:4px 4px 4px 4px rgb(206, 187,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8006, 0.3608, 0.3773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 187, 148) }
```

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

```
.background{ background-color: rgb(206,  
187, 148) }
```

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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