

Converting Colors

$Yxy(50.6463, 0.3483, 0.3682)$

Have a look what the booklet for
Yxy(50.6463, 0.3483, 0.3682)
contains.

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Color

Yxy(50.6801, 0.3477, 0.3680)

Conversions

Conversions Part 1

Format	Color
Hex	C8BC9D
RGB	200, 188, 157
RGB Percent	78%, 74%, 62%
CMY	0.2158, 0.2627, 0.3843
CMYK	0.00, 0.06, 0.21, 0.22
HSL	43°, 28%, 70%
HSV	43°, 21%, 78%
XYZ	47.8844, 50.6801, 39.1531
YIQ	188.0540, 17.1030, -7.0970

Conversions

Conversions Part 2

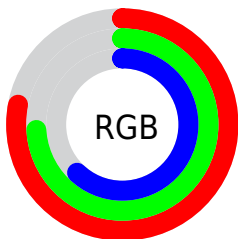
Format	Color
RYB	174, 200, 157
Decimal	13155485
CIELab	76.48, -0.79, 17.24
CIELCh	76, 17.253, 92.621
Yxy	50.6801, 0.3477, 0.3680
Android (android.graphics.Color)	4291345565 (0xFFC8BC9D)
YUV	188.0540, -15.3096, 10.4766
Hunter-Lab	71.1900, -4.5181, 17.2246

Details

The Yxy color **50.6801, 0.3477, 0.3680** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.6998, 0.2781, 0.2867**, and the grayscale version is **50.4027, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7148, 0.3399, 0.3607**, and **24.4795, 0.3571, 0.3781** is the 20% darker color. If you saturate the color by 10%, you get **47.7203, 0.3660, 0.3868**, and if you desaturate by 10%, it is **53.8481, 0.3306, 0.3494**.

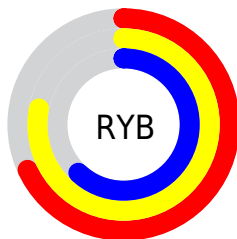
Distribution



Red (78%)

Green (74%)

Blue (62%)



Red (68%)

Yellow (78%)

Blue (62%)

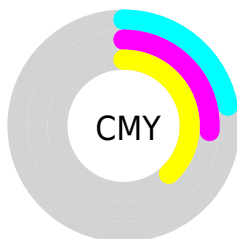


Cyan (0%)

Magenta (6%)

Yellow (21%)

Black (22%)



Cyan (22%)


Magenta (26%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.6801, 0.3477, 0.3680 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 50.6801, 0.3477, 0.3680 by changing the saturation by 10% instead.


 50.6801, 0.3477,
0.3680


 50.6801, 0.3477,
0.3680


389.3196, 0.3305,
0.3488

 35.9541, 0.3519,
0.3727


 91.1817, 0.3415,
0.3611

 24.3987, 0.3572,
0.3787


 117.7261, 0.3392,
0.3585

 15.6297, 0.3641,
0.3865


148.9788, 0.3372,
0.3562

 9.2625, 0.3735,
0.3971

185.3241, 0.3355,
0.3543

 4.9128, 0.3869,
0.4123

227.1464, 0.3340,
0.3527

 2.1962, 0.4080,
0.4366

274.8302, 0.3327,

 0.7179, 0.4802,

0.3512

0.5198

328.7598, 0.3315,
0.3499

0.0000, 0.0000,
0.0000

50.6801, 0.3477,
0.3680

50.6801, 0.3477,
0.3680

47.7203, 0.3660,
0.3868

53.8481, 0.3306,
0.3494

44.9554, 0.3851,
0.4053

57.2235, 0.3149,
0.3316

42.3808, 0.4046,
0.4224

60.8144, 0.3007,
0.3147

39.9889, 0.4237,
0.4374

64.6262, 0.2878,
0.2990

37.7714, 0.4416,
0.4490

68.5356, 0.2775,
0.2865

■ 35.7191, 0.4574,
0.4563

■ 71.4353, 0.2779,
0.2927

■ 33.8210, 0.4703,
0.4588

■ 74.4327, 0.2783,
0.2988

■ 32.3119, 0.4792,
0.4577

■ 77.5287, 0.2788,
0.3049

■ 80.7241, 0.2792,
0.3110

Harmonies

Analogous

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



50.6801, 0.3585, 0.3556



50.6801, 0.3477, 0.3680



50.6801, 0.3276, 0.3700

Triad

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



50.6801, 0.3477, 0.3680



50.6801, 0.2707, 0.3184



50.6801, 0.3202, 0.3009

Complementary

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



50.6801, 0.3477, 0.3680



39.6998, 0.2781, 0.2867

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.



50.6801, 0.2967, 0.2913



50.6801, 0.3477, 0.3680



50.6801, 0.2688, 0.3004

Square

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



50.6801, 0.3477, 0.3680



50.6801, 0.2834, 0.3404



50.6801, 0.2781, 0.2909



50.6801, 0.3424, 0.3173

Rectangle

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



50.6801, 0.3477, 0.3680



50.6801, 0.3119, 0.3645



50.6801, 0.2781, 0.2909



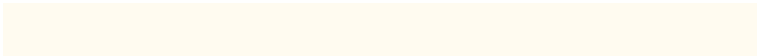
50.6801, 0.3122, 0.2968

Sweetspot

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



50.6824, 0.3477, 0.3680



96.3650, 0.3220, 0.3397



39.2599, 0.3437, 0.3135



20.5431, 0.3230, 0.3409



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.



50.6824, 0.3477, 0.3680



85.2215, 0.3565, 0.3772



54.7683, 0.3370, 0.3834



11.8983, 0.3272, 0.3456



20.7061, 0.4782, 0.4585



1.0978, 0.4633, 0.4704

Inverse Universe

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



39.6998, 0.2781, 0.2867



62.7053, 0.2695, 0.2756



36.4214, 0.2849, 0.2711



10.7603, 0.2983, 0.3118



4.5627, 0.1601, 0.0963



0.3414, 0.1720, 0.1392

Previews

White Background



This preview shows how the Yxy color 50.6801, 0.3477, 0.3680 looks on a white background.

Color Contrast Check

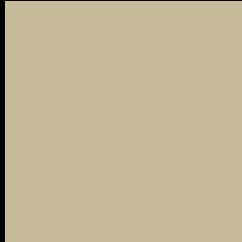
Large Text (above 18pt) WCAG AA × Fail

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 50.6801, 0.3477, 0.3680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

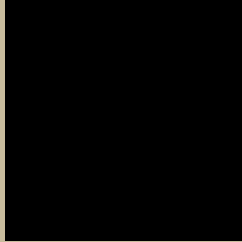
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

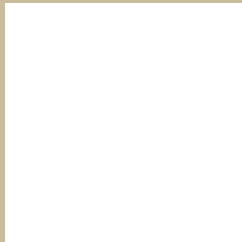
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.6801, 0.3477, 0.3680

Background



This preview shows how black text looks on a background with the Yxy color 50.6801, 0.3477, 0.3680.



This preview shows how white text looks on a background with the Yxy color 50.6801, 0.3477, 0.3680.

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

50.6801, 0.3477, 0.3680

Protanopia

50.5429, 0.3468, 0.3681

Deuteranopia

50.4218, 0.3650, 0.3566



Tritanopia

50.4663, 0.3203, 0.3110

Trichromacy



Original Color

50.6801, 0.3477, 0.3680

Protanomaly

50.5429, 0.3468, 0.3681

Deuteranomaly

50.5985, 0.3578, 0.3608

Tritanomaly

50.3549, 0.3306, 0.3315

Monochromacy



Original Color

50.6801, 0.3477, 0.3680

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.3472, 0.3246, 0.3430

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.6801, 0.3477, 0.3680 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(200, 188, 157)` looks like.

```
.text, #text, p{  
    color:rgb(200, 188, 157)  
}
```

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(200, 188, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 188, 157) }
```

Border

The CSS property to change the border of an element to Yxy 50.6801, 0.3477, 0.3680 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(200, 188, 157) }
```

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

```
.border{ border-color:rgb(200, 188, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 188, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 188, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 188, 157);  
box-shadow:4px 4px 4px 4px rgb(200, 188,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 50.6801, 0.3477, 0.3680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 188, 157) }
```

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

```
.background{ background-color: rgb(200,  
188, 157) }
```

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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