

Converting Colors

Yxy(50.7061, 0.3667, 0.3862)

Have a look what the booklet for
Yxy(50.7061, 0.3667, 0.3862)
contains.

Yxy(50.5855, 0.3665, 0.3860)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(50.5855, 0.3665, 0.3860)

Conversions

Conversions Part 1

Format	Color
Hex	CEBB8D
RGB	206, 187, 141
RGB Percent	81%, 73%, 55%
CMY	0.1922, 0.2666, 0.4470
CMYK	0.00, 0.09, 0.32, 0.19
HSL	42°, 40%, 68%
HSV	42°, 32%, 81%
XYZ	48.0300, 50.5855, 32.4350
YIQ	187.4370, 26.0900, -10.2780

Conversions

Conversions Part 2

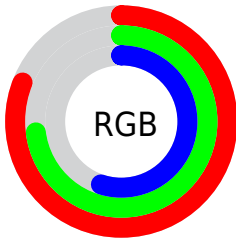
Format	Color
RYB	168, 206, 141
Decimal	13548429
CIELab	76.43, -0.14, 25.79
CIELCh	76, 25.786, 90.307
Yxy	50.5855, 0.3665, 0.3860
Android (android.graphics.Color)	4291738509 (0xFFCEBB8D)
YUV	187.4370, -22.8934, 16.2798
Hunter-Lab	71.1235, -3.9242, 22.7480

Details

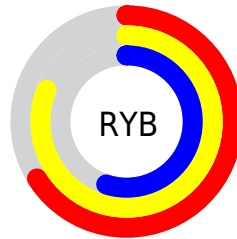
The Yxy color **50.5855, 0.3665, 0.3860** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.2581, 0.2602, 0.2645**, and the grayscale version is **50.0755, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.3013, 0.3509, 0.3769**, and **24.3677, 0.3814, 0.4017** is the 20% darker color. If you saturate the color by 10%, you get **47.5304, 0.3859, 0.4042**, and if you desaturate by 10%, it is **53.8663, 0.3480, 0.3675**.

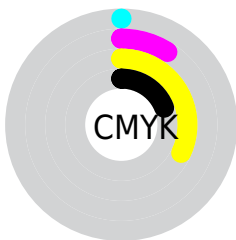
Distribution



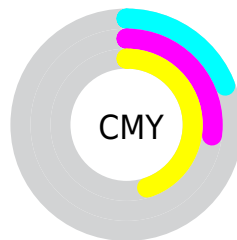
- Red (81%)
- Green (73%)
- Blue (55%)



- Red (66%)
- Yellow (81%)
- Blue (55%)



- Cyan (0%)
- Magenta (9%)
- Yellow (32%)
- Black (19%)





- Cyan (19%)
- Magenta (27%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5855, 0.3665, 0.3860 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 50.5855, 0.3665, 0.3860 by changing the saturation by 10% instead.

 50.5855, 0.3665,
0.3860

 50.5855, 0.3665,
0.3860


388.9512, 0.3402,
0.3581


 35.8788, 0.3728,
0.3927


 91.0418, 0.3571,
0.3761

 24.3406, 0.3807,
0.4011


 117.5602, 0.3535,
0.3723

 15.5865, 0.3909,
0.4119


 148.7846, 0.3505,
0.3690

 9.2320, 0.4044,
0.4262

185.0995, 0.3479,
0.3662

 4.8928, 0.4226,
0.4457

226.8892, 0.3456,
0.3638

 2.1845, 0.4671,
0.4929

274.5381, 0.3436,

 0.7115, 0.4861,

0.3617

0.5139

328.4307, 0.3418,
0.3598

0.0000, 0.0000,
0.0000

50.5855, 0.3665,
0.3860

50.5855, 0.3665,
0.3860

47.5304, 0.3859,
0.4042

53.8663, 0.3480,
0.3675

44.6864, 0.4058,
0.4211

57.3729, 0.3308,
0.3492

42.0475, 0.4254,
0.4358

61.1144, 0.3150,
0.3316


39.6047, 0.4439,
0.4471


65.0971, 0.3007,
0.3150

37.3477, 0.4602,
0.4541


69.3270, 0.2879,
0.2996

 35.2644, 0.4736,
0.4562

 73.1758, 0.2818,
0.2949

 33.6215, 0.4829,
0.4548

 76.4508, 0.2822,
0.3015

 79.8413, 0.2826,
0.3080

 83.3484, 0.2829,
0.3144

Harmonies

Analogous

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



50.5855, 0.3819, 0.3655



50.5855, 0.3665, 0.3860



50.5855, 0.3369, 0.3916

Triad

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



50.5855, 0.3665, 0.3860



50.5855, 0.2517, 0.3147



50.5855, 0.3207, 0.2864

Complementary

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



50.5855, 0.3665, 0.3860



35.2581, 0.2602, 0.2645

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.



50.5855, 0.2861, 0.2733



50.5855, 0.3665, 0.3860



50.5855, 0.2479, 0.2876

Square

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



50.5855, 0.3665, 0.3860



50.5855, 0.2710, 0.3485



50.5855, 0.2600, 0.2733



50.5855, 0.3548, 0.3093

Rectangle

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



50.5855, 0.3665, 0.3860



50.5855, 0.3136, 0.3846



50.5855, 0.2600, 0.2733



50.5855, 0.3087, 0.2807

Sweetspot

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



50.5878, 0.3665, 0.3860



94.4059, 0.3268, 0.3448



34.7288, 0.3625, 0.3044



20.0196, 0.3292, 0.3475



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.



50.5878, 0.3665, 0.3860



78.5027, 0.3799, 0.3987



57.3979, 0.3491, 0.4101



12.5215, 0.3273, 0.3453



20.8799, 0.4817, 0.4557



1.2042, 0.4668, 0.4676

Inverse Universe

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



35.2581, 0.2602, 0.2645



49.7886, 0.2476, 0.2475



30.3790, 0.2680, 0.2395



11.3691, 0.2983, 0.3121



4.8923, 0.1609, 0.0992



0.3849, 0.1720, 0.1392

Previews

White Background



This preview shows how the Yxy color 50.5855, 0.3665, 0.3860 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 50.5855, 0.3665, 0.3860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

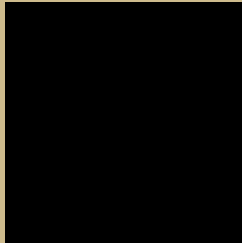
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.5855, 0.3665, 0.3860

Background



This preview shows how black text looks on a background with the Yxy color 50.5855, 0.3665, 0.3860.



This preview shows how white text looks on a background with the Yxy color 50.5855, 0.3665, 0.3860.

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

50.5855, 0.3665, 0.3860

Protanopia

50.4760, 0.3617, 0.3867

Deuteranopia

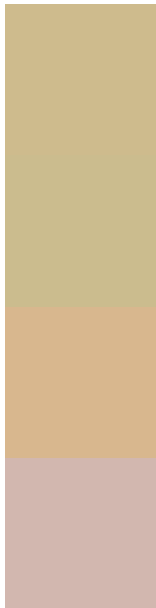
50.5303, 0.3826, 0.3752



Tritanopia

50.5346, 0.3290, 0.3125

Trichromacy



Original Color

50.5855, 0.3665, 0.3860

Protanomaly

50.6159, 0.3626, 0.3865

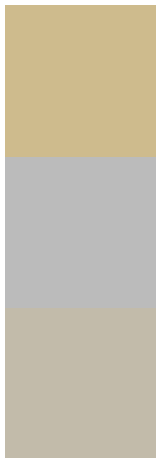
Deuteranomaly

50.4189, 0.3763, 0.3784

Tritanomaly

50.6638, 0.3427, 0.3388

Monochromacy



Original Color

50.5855, 0.3665, 0.3860

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.9123, 0.3321, 0.3506

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5855, 0.3665, 0.3860 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, 141)` looks like.

```
.text, #text, p{  
    color:rgb(206, 187, 141)  
}
```

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, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 187, 141) }
```

Border

The CSS property to change the border of an element to Yxy 50.5855, 0.3665, 0.3860 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, 141) }
```

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

```
.border{ border-color:rgb(206, 187, 141) }
```

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, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 187, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 187, 141);  
box-shadow:4px 4px 4px 4px rgb(206, 187,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5855, 0.3665, 0.3860 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, 141) }
```

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

```
.background{ background-color: rgb(206,  
187, 141) }
```

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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