

Converting Colors

$Y_{xy}(50.5736, 0.3304, 0.3695)$

Have a look what the booklet for
Yxy(50.5736, 0.3304, 0.3695)
contains.

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Color

Yxy(50.5868, 0.3307, 0.3693)

Conversions

Conversions Part 1

Format	Color
Hex	B9C0A1
RGB	185, 192, 161
RGB Percent	73%, 75%, 63%
CMY	0.2743, 0.2471, 0.3686
CMYK	0.04, 0.00, 0.16, 0.25
HSL	73°, 20%, 69%
HSV	73°, 16%, 75%
XYZ	45.2994, 50.5868, 41.0941
YIQ	186.3730, 5.7790, -11.1250

Conversions

Conversions Part 2

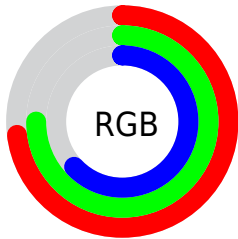
Format	Color
RYB	161, 192, 168
Decimal	12173473
CIELab	76.43, -7.84, 14.82
CIELCh	76, 16.769, 117.862
Yxy	50.5868, 0.3307, 0.3693
Android (android.graphics.Color)	4290363553 (0xFFB9C0A1)
YUV	186.3730, -12.5089, -1.2041
Hunter-Lab	71.1244, -10.7805, 15.5307

Details

The Yxy color **50.5868, 0.3307, 0.3693** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.6130, 0.2928, 0.2869**, and the grayscale version is **49.3971, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7934, 0.3274, 0.3615**, and **24.4749, 0.3359, 0.3822** is the 20% darker color. If you saturate the color by 10%, you get **49.4361, 0.3418, 0.3956**, and if you desaturate by 10%, it is **51.8621, 0.3195, 0.3439**.

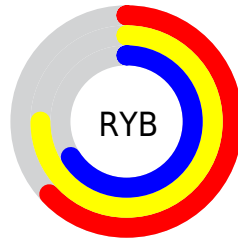
Distribution



Red (73%)

Green (75%)

Blue (63%)



Red (63%)

Yellow (75%)

Blue (66%)

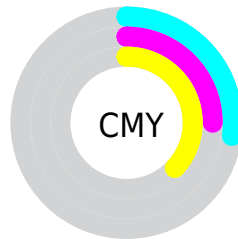


Cyan (4%)

Magenta (0%)

Yellow (16%)

Black (25%)



Cyan (27%)


Magenta (25%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5868, 0.3307, 0.3693 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 50.5868, 0.3307, 0.3693 by changing the saturation by 10% instead.

 50.5868, 0.3307,
0.3693

 50.5868, 0.3307,
0.3693


388.9563, 0.3220,
0.3491

 35.8799, 0.3328,
0.3743


 91.0437, 0.3276,
0.3620

 24.3414, 0.3354,
0.3808


 117.5625, 0.3264,
0.3592

 15.5871, 0.3387,
0.3894

148.7873, 0.3254,
0.3569

 9.2324, 0.3432,
0.4014

185.1026, 0.3246,
0.3549

 4.8931, 0.3494,
0.4192

226.8927, 0.3238,
0.3532

 2.1847, 0.3583,
0.4481

274.5421, 0.3231,

 0.7116, 0.4053,

0.3516

0.5947

328.4352, 0.3225,
0.3503

0.0000, 0.0000,
0.0000

50.5868, 0.3307,
0.3693

50.5868, 0.3307,
0.3693

49.4361, 0.3418,
0.3956

51.8621, 0.3195,
0.3439

48.3985, 0.3525,
0.4222

53.2600, 0.3085,
0.3199

47.4709, 0.3622,
0.4482

54.7868, 0.2980,
0.2976

46.6477, 0.3705,
0.4725

56.4469, 0.2881,
0.2772

45.9226, 0.3767,
0.4940

58.1147, 0.2801,
0.2604

■ 45.2886, 0.3806,
0.5117

■ 58.7405, 0.2831,
0.2610

■ 44.7374, 0.3820,
0.5250

■ 59.3833, 0.2862,
0.2616

■ 44.2587, 0.3809,
0.5336

■ 60.0431, 0.2893,
0.2622

■ 44.0854, 0.3801,
0.5364

■ 60.7202, 0.2924,
0.2628

Harmonies

Analogous

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



50.5868, 0.3491, 0.3656



50.5868, 0.3307, 0.3693



50.5868, 0.3079, 0.3612

Triad

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



50.5868, 0.3307, 0.3693



50.5868, 0.2695, 0.3035



50.5868, 0.3385, 0.3147

Complementary

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



50.5868, 0.3307, 0.3693



37.6130, 0.2928, 0.2869

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.



50.5868, 0.3163, 0.2996



50.5868, 0.3307, 0.3693



50.5868, 0.2770, 0.2928

Square

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



50.5868, 0.3307, 0.3693



50.5868, 0.2731, 0.3220



50.5868, 0.2938, 0.2916



50.5868, 0.3539, 0.3337

Rectangle

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



50.5868, 0.3307, 0.3693



50.5868, 0.2934, 0.3501



50.5868, 0.2938, 0.2916



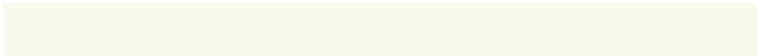
50.5868, 0.3315, 0.3091

Sweetspot

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



50.5890, 0.3307, 0.3693



94.2400, 0.3183, 0.3413



41.6783, 0.3415, 0.3379



20.1806, 0.3191, 0.3430



97.7402, 0.3127, 0.3290



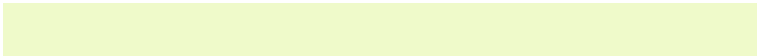
20.4902, 0.3127, 0.3290

Same Dimension

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



50.5890, 0.3307, 0.3693



90.9910, 0.3342, 0.3776



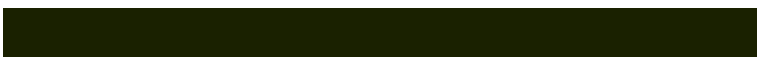
48.7898, 0.3179, 0.3709



11.6410, 0.3231, 0.3520



29.7038, 0.3806, 0.5360



1.3121, 0.3897, 0.5288

Inverse Universe

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



37.6130, 0.2928, 0.2869



63.4873, 0.2884, 0.2778



39.3880, 0.3065, 0.2886



9.8543, 0.3017, 0.3054



2.9353, 0.1627, 0.0670



0.1585, 0.1858, 0.0797

Previews

White Background



This preview shows how the Yxy color 50.5868, 0.3307, 0.3693 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 50.5868, 0.3307, 0.3693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

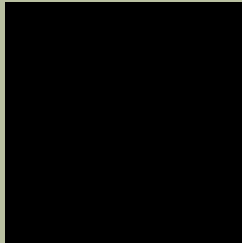
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

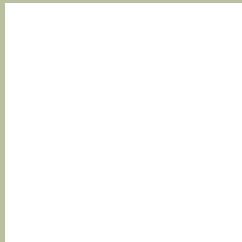
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.5868, 0.3307, 0.3693

Background



This preview shows how black text looks on a background with the Yxy color 50.5868, 0.3307, 0.3693.



This preview shows how white text looks on a background with the Yxy color 50.5868, 0.3307, 0.3693.

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

50.5868, 0.3307, 0.3693

Protanopia

50.4754, 0.3443, 0.3656

Deuteranopia

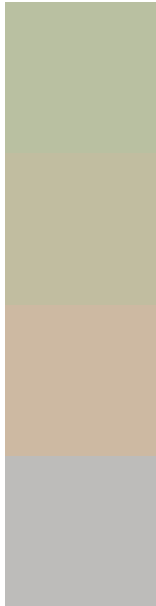
50.2910, 0.3588, 0.3507



Tritanopia

50.4112, 0.3054, 0.3105

Trichromacy



Original Color

50.5868, 0.3307, 0.3693

Protanomaly

50.2707, 0.3389, 0.3661

Deuteranomaly

50.2857, 0.3488, 0.3576

Tritanomaly

50.3304, 0.3151, 0.3315

Monochromacy



Original Color

50.5868, 0.3307, 0.3693

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.5799, 0.3196, 0.3432

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5868, 0.3307, 0.3693 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(185, 192, 161)` looks like.

```
.text, #text, p{  
    color:rgb(185, 192, 161)  
}
```

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(185, 192, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 192, 161) }
```

Border

The CSS property to change the border of an element to Yxy 50.5868, 0.3307, 0.3693 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(185, 192, 161) }
```

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

```
.border{ border-color:rgb(185, 192, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 192, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 192, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 192, 161);  
box-shadow:4px 4px 4px 4px rgb(185, 192,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5868, 0.3307, 0.3693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 192, 161) }
```

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

```
.background{ background-color: rgb(185,  
192, 161) }
```

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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