

Converting Colors

Yxy(50.6684, 0.3156, 0.3665)

Have a look what the booklet for
Yxy(50.6684, 0.3156, 0.3665)
contains.

| | |
|---|----|
| Yxy(50.7045, 0.3158, 0.3662) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(50.7045, 0.3158, 0.3662)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | ADC3A7 |
| RGB | 173, 195, 167 |
| RGB Percent | 68%, 76%, 65% |
| CMY | 0.3215, 0.2353, 0.3452 |
| CMYK | 0.11, 0.00, 0.14, 0.24 |
| HSL | 107°, 19%, 71% |
| HSV | 107°, 14%, 76% |
| XYZ | 43.7261, 50.7045, 44.0307 |
| YIQ | 185.2300, -4.1240, -13.3720 |

Conversions

Conversions Part 2

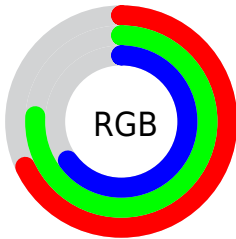
| Format | Color |
|-------------------------------------|---|
| RYB | 167, 195, 189 |
| Decimal | 11387815 |
| CIELab | 76.50, -12.72, 11.58 |
| CIELCh | 76, 17.205, 137.676 |
| Yxy | 50.7045, 0.3158, 0.3662 |
| Android (android.graphics.Color) | 4289577895 (0xFFADC3A7) |
| YUV | 185.2300, -8.9874, -10.7257 |
| Hunter-Lab | 71.2071, -15.0011, 13.1832 |

Details

The Yxy color **50.7045, 0.3158, 0.3662** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.3829, 0.3090, 0.2933**, and the grayscale version is **48.7056, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5527, 0.3157, 0.3599**, and **24.2806, 0.3158, 0.3766** is the 20% darker color. If you saturate the color by 10%, you get **48.3940, 0.3177, 0.3955**, and if you desaturate by 10%, it is **53.3277, 0.3137, 0.3397**.

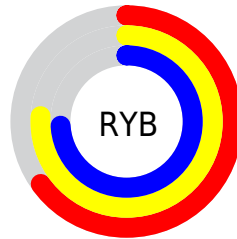
Distribution



Red (68%)

Green (76%)

Blue (65%)



Red (65%)

Yellow (76%)

Blue (74%)

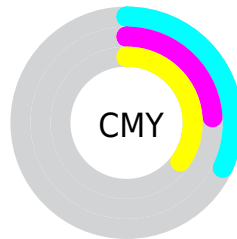


Cyan (11%)

Magenta (0%)

Yellow (14%)

Black (24%)



Cyan (32%)

Magenta (24%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.7045, 0.3158, 0.3662 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 50.7045, 0.3158, 0.3662 by changing the saturation by 10% instead.

■ 50.7045, 0.3158,
0.3662

■ 50.7045, 0.3158,
0.3662

389.4146, 0.3145,
0.3475

■ 35.9735, 0.3161,
0.3709

■ 91.2178, 0.3154,
0.3594

■ 24.4137, 0.3163,
0.3770

■ 117.7689, 0.3152,
0.3568

■ 15.6408, 0.3167,
0.3852

149.0289, 0.3150,
0.3546

■ 9.2703, 0.3169,
0.3967

185.3820, 0.3149,
0.3528

■ 4.9179, 0.3171,
0.4140

227.2127, 0.3148,
0.3512

■ 2.1992, 0.3164,
0.4429

274.9055, 0.3147,

■ 0.7196, 0.3416,

0.3498

0.6584

328.8447, 0.3146,
0.3486

0.0000, 0.0000,
0.0000

50.7045, 0.3158,
0.3662

50.7045, 0.3158,
0.3662

48.3940, 0.3177,
0.3955

53.3277, 0.3137,
0.3397

46.3781, 0.3191,
0.4272

56.2679, 0.3114,
0.3161

44.6466, 0.3199,
0.4604

59.5378, 0.3092,
0.2952

43.1865, 0.3199,
0.4937

63.1471, 0.3070,
0.2770

41.9834, 0.3188,
0.5252

66.4798, 0.3114,
0.2695

■ 41.0217, 0.3167,
0.5527

■ 67.5103, 0.3155,
0.2703

■ 40.2840, 0.3136,
0.5742

■ 39.7501, 0.3097,
0.5884

■ 39.5241, 0.3076,
0.5939

Harmonies

Analogous

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



50.7045, 0.3384, 0.3704



50.7045, 0.3158, 0.3662



50.7045, 0.2930, 0.3508

Triad

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



50.7045, 0.3158, 0.3662



50.7045, 0.2723, 0.2945



50.7045, 0.3508, 0.3270

Complementary

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



50.7045, 0.3158, 0.3662



42.3829, 0.3090, 0.2933

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.



50.7045, 0.3319, 0.3085



50.7045, 0.3158, 0.3662



50.7045, 0.2866, 0.2900

Square

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



50.7045, 0.3158, 0.3662



50.7045, 0.2685, 0.3086



50.7045, 0.3082, 0.2951



50.7045, 0.3591, 0.3467

Rectangle

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



50.7045, 0.3158, 0.3662



50.7045, 0.2807, 0.3367



50.7045, 0.3082, 0.2951



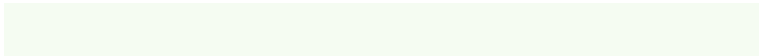
50.7045, 0.3454, 0.3205

Sweetspot

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



50.7067, 0.3158, 0.3662



95.6640, 0.3136, 0.3389



50.7560, 0.3350, 0.3568



20.8660, 0.3138, 0.3408



0.0000, 0.0000, 0.0000



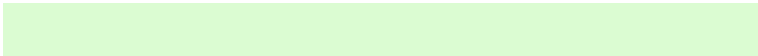
21.4041, 0.3127, 0.3290

Same Dimension

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



50.7067, 0.3158, 0.3662



89.5618, 0.3164, 0.3744



50.3355, 0.3052, 0.3558



11.3612, 0.3148, 0.3526



25.7190, 0.3084, 0.5934



1.1422, 0.3242, 0.5808

Inverse Universe

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



42.3829, 0.3090, 0.2933



72.0085, 0.3081, 0.2859



42.8224, 0.3212, 0.3036



10.1343, 0.3104, 0.3061



6.9955, 0.2674, 0.1247



0.3302, 0.2800, 0.1316

Previews

White Background



This preview shows how the Yxy color 50.7045, 0.3158, 0.3662 looks on a white background.

Color Contrast Check

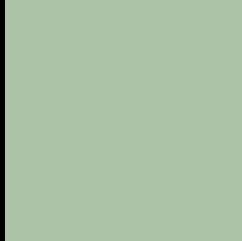
Large Text (above 18pt) WCAG AA × Fail

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 50.7045, 0.3158, 0.3662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

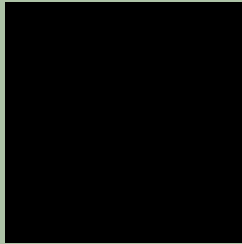
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

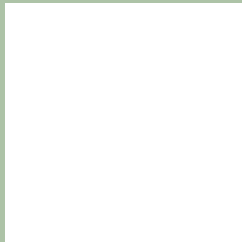
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.7045, 0.3158, 0.3662

Background



This preview shows how black text looks on a background with the Yxy color 50.7045, 0.3158, 0.3662.

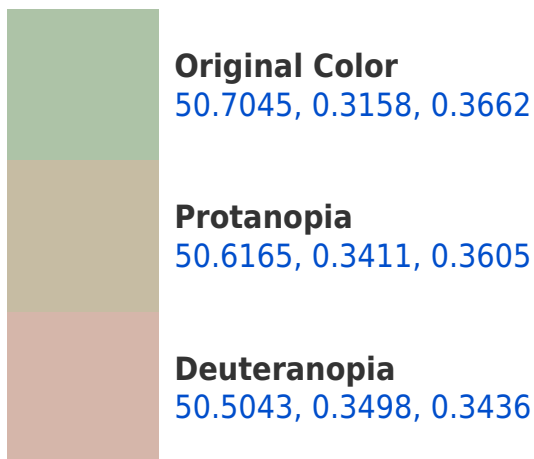


This preview shows how white text looks on a background with the Yxy color 50.7045, 0.3158, 0.3662.

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

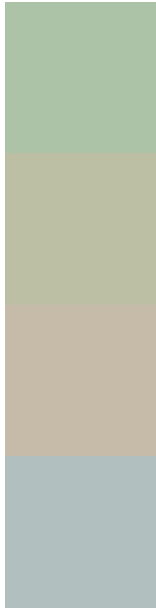




Tritanopia

50.8184, 0.2930, 0.3101

Trichromacy



Original Color

50.7045, 0.3158, 0.3662

Protanomaly

50.7608, 0.3319, 0.3637

Deuteranomaly

50.4110, 0.3364, 0.3516

Tritanomaly

50.8080, 0.3015, 0.3303

Monochromacy



Original Color

50.7045, 0.3158, 0.3662

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.4333, 0.3145, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7045, 0.3158, 0.3662 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(173, 195, 167)` looks like.

```
.text, #text, p{  
    color:rgb(173, 195, 167)  
}
```

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(173, 195, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 195, 167) }
```

Border

The CSS property to change the border of an element to Yxy 50.7045, 0.3158, 0.3662 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(173, 195, 167) }
```

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

```
.border{ border-color:rgb(173, 195, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 195, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 195, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 195, 167);  
box-shadow:4px 4px 4px 4px rgb(173, 195,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7045, 0.3158, 0.3662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 195, 167) }
```

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

```
.background{ background-color: rgb(173,  
195, 167) }
```

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