

Converting Colors

Yxy(52.8348, 0.3845, 0.4533)

Have a look what the booklet for
Yxy(52.8348, 0.3845, 0.4533)
contains.

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Color

Yxy(52.8348, 0.3845, 0.4533)

Conversions

Conversions Part 1

Format	Color
Hex	C3C660
RGB	195, 198, 96
RGB Percent	76%, 78%, 38%
CMY	0.2352, 0.2235, 0.6235
CMYK	0.02, 0.00, 0.52, 0.22
HSL	62°, 47%, 58%
HSV	62°, 52%, 78%
XYZ	44.8158, 52.8348, 18.9054
YIQ	185.4750, 30.9540, -32.3580

Conversions

Conversions Part 2

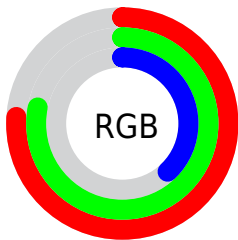
Format	Color
RYB	96, 198, 99
Decimal	12830304
CIELab	77.78, -15.05, 50.11
CIELCh	78, 52.319, 106.715
Yxy	52.8348, 0.3845, 0.4533
Android (android.graphics.Color)	4291020384 (0xFFC3C660)
YUV	185.4750, -44.1112, 8.3534
Hunter-Lab	72.6876, -17.1484, 35.4605

Details

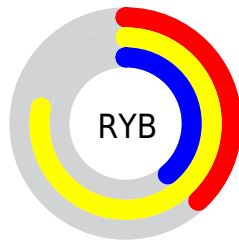
The Yxy color **52.8348, 0.3845, 0.4533** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **15.0978, 0.2171, 0.1679**, and the grayscale version is **49.0357, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5726, 0.3736, 0.4325**, and **25.6173, 0.3983, 0.4842** is the 20% darker color. If you saturate the color by 10%, you get **52.4404, 0.3952, 0.4725**, and if you desaturate by 10%, it is **53.3262, 0.3720, 0.4312**.

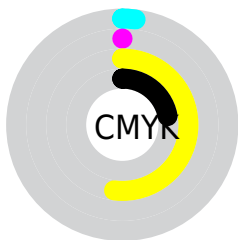
Distribution



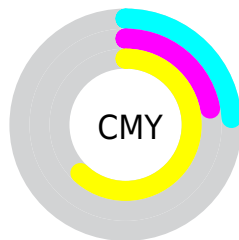
- Red (76%)
- Green (78%)
- Blue (38%)



- Red (38%)
- Yellow (78%)
- Blue (39%)



- Cyan (2%)
- Magenta (0%)
- Yellow (52%)
- Black (22%)





- Cyan (24%)
- Magenta (22%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.8348, 0.3845, 0.4533 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 52.8348, 0.3845, 0.4533 by changing the saturation by 10% instead.

 52.8348, 0.3845,
0.4533


 52.8348, 0.3845,
0.4533


397.6510, 0.3523,
0.3926


 37.6709, 0.3909,
0.4673


 94.3612, 0.3739,
0.4320


 25.7274, 0.3981,
0.4844


 121.4926, 0.3696,
0.4237

 16.6198, 0.4058,
0.5055


 153.3818, 0.3658,
0.4166

 9.9638, 0.4127,
0.5311

 190.4134, 0.3625,
0.4105

 5.3750, 0.4255,
0.5745

232.9717, 0.3595,
0.4052

 2.4689, 0.4066,
0.5934

281.4412, 0.3568,

 0.8610, 0.3438,

0.4005

0.6562

336.2061, 0.3545,
0.3963

0.0000, 0.0000,
0.0000

52.8348, 0.3845,
0.4533

52.8348, 0.3845,
0.4533

52.4404, 0.3952,
0.4725

53.3262, 0.3720,
0.4312

52.1286, 0.4037,
0.4879

53.9136, 0.3582,
0.4072

51.8939, 0.4096,
0.4991

54.6053, 0.3437,
0.3822

51.7267, 0.4129,
0.5060

55.4064, 0.3292,
0.3571

51.6225, 0.4142,
0.5093

56.3219, 0.3148,
0.3326

■ 57.3565, 0.3011,
0.3092

■ 58.5146, 0.2882,
0.2872

■ 59.8003, 0.2761,
0.2669

■ 59.9175, 0.2762,
0.2664

Harmonies

Analogous

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



52.8348, 0.4346, 0.4188



52.8348, 0.3845, 0.4533



52.8348, 0.3183, 0.4506

Triad

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



52.8348, 0.3845, 0.4533



52.8348, 0.1906, 0.2650



52.8348, 0.3660, 0.2698

Complementary

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



52.8348, 0.3845, 0.4533



15.0978, 0.2171, 0.1679

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.



52.8348, 0.2943, 0.2363



52.8348, 0.3845, 0.4533



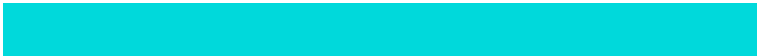
52.8348, 0.1999, 0.2302

Square

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



52.8348, 0.3845, 0.4533



52.8348, 0.2088, 0.3267



52.8348, 0.2353, 0.2218



52.8348, 0.4268, 0.3163

Rectangle

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



52.8348, 0.3845, 0.4533



52.8348, 0.2741, 0.4215



52.8348, 0.2353, 0.2218



52.8348, 0.3419, 0.2568

Sweetspot

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



52.8372, 0.3845, 0.4533



97.5656, 0.3346, 0.3664



21.5324, 0.4580, 0.3316



20.8179, 0.3377, 0.3718



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.



52.8372, 0.3845, 0.4533



92.7765, 0.3966, 0.4749



47.2799, 0.3413, 0.4741



12.4006, 0.3261, 0.3519



33.5789, 0.4143, 0.5092



1.5950, 0.4154, 0.5084

Inverse Universe

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



15.0978, 0.2171, 0.1679



18.5474, 0.1940, 0.1297



18.8076, 0.2641, 0.1859



10.3020, 0.2987, 0.3051



2.6823, 0.1510, 0.0606



0.1323, 0.1547, 0.0626

Previews

White Background



This preview shows how the Yxy color 52.8348, 0.3845, 0.4533 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 52.8348, 0.3845, 0.4533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

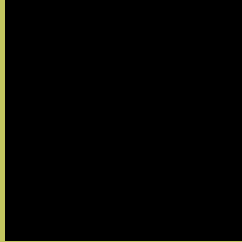
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.8348, 0.3845, 0.4533

Background



This preview shows how black text looks on a background with the Yxy color 52.8348, 0.3845, 0.4533.



This preview shows how white text looks on a background with the Yxy color 52.8348, 0.3845, 0.4533.

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

52.8348, 0.3845, 0.4533

Protanopia

52.6536, 0.4054, 0.4418

Deuteranopia

52.6199, 0.4278, 0.4182



Tritanopia

52.8795, 0.3176, 0.3124

Trichromacy



Original Color

52.8348, 0.3845, 0.4533

Protanomaly

52.5316, 0.3972, 0.4458

Deuteranomaly

52.2394, 0.4118, 0.4298

Tritanomaly

52.4625, 0.3439, 0.3638

Monochromacy



Original Color

52.8348, 0.3845, 0.4533

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.9456, 0.3408, 0.3770

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8348, 0.3845, 0.4533 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(195, 198, 96)` looks like.

```
.text, #text, p{  
    color:rgb(195, 198, 96)  
}
```

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(195, 198, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 198, 96) }
```

Border

The CSS property to change the border of an element to Yxy 52.8348, 0.3845, 0.4533 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(195, 198, 96) }
```

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

```
.border{ border-color:rgb(195, 198, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 198, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 198, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 198, 96);  
box-shadow:4px 4px 4px 4px rgb(195, 198,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8348, 0.3845, 0.4533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 198, 96) }
```

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

```
.background{ background-color: rgb(195,  
198, 96) }
```

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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