

Converting Colors

$Yxy(50.5395, 0.4245, 0.5193)$

Have a look what the booklet for
Yxy(50.5395, 0.4245, 0.5193)
contains.

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Color

Yxy(50.8173, 0.4167, 0.5074)

Conversions

Conversions Part 1

Format	Color
Hex	C1C400
RGB	193, 196, 0
RGB Percent	76%, 77%, 0%
CMY	0.2431, 0.2314, 1.0000
CMYK	0.02, 0.00, 1.00, 0.23
HSL	61°, 100%, 38%
HSV	61°, 100%, 77%
XYZ	41.7335, 50.8173, 7.6016
YIQ	172.7590, 61.1280, -61.5920

Conversions

Conversions Part 2

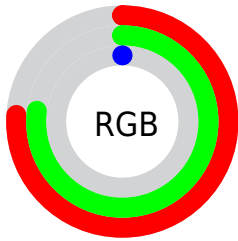
Format	Color
RYB	0, 196, 3
Decimal	12698624
CIELab	76.57, -18.97, 77.25
CIELCh	77, 79.543, 103.797
Yxy	50.8173, 0.4167, 0.5074
Android (android.graphics.Color)	4290888704 (0xFFC1C400)
YUV	172.7590, -85.1702, 17.7514
Hunter-Lab	71.2863, -20.2508, 43.5780

Details

The Yxy color **50.8173, 0.4167, 0.5074** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **4.0050, 0.1504, 0.0602**, and the grayscale version is **42.0815, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1280, 0.4052, 0.4803**, and **24.7958, 0.4098, 0.5128** is the 20% darker color. If you saturate the color by 10%, you get **50.8202, 0.4167, 0.5074**, and if you desaturate by 10%, it is **50.9087, 0.4148, 0.5035**.

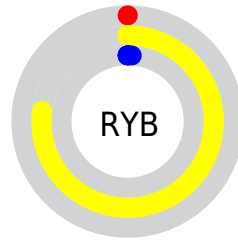
Distribution



Red (76%)

Green (77%)

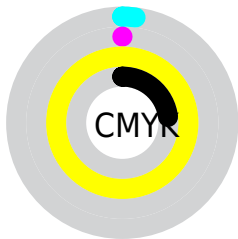
Blue (0%)



Red (0%)

Yellow (77%)

Blue (1%)

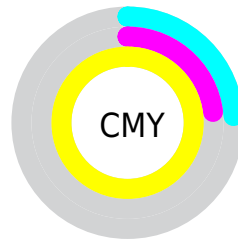


Cyan (2%)

Magenta (0%)

Yellow (100%)

Black (23%)



Cyan (24%)


Magenta (23%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.8173, 0.4167, 0.5074 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 50.8173, 0.4167, 0.5074 by changing the saturation by 10% instead.


 50.8173, 0.4167,
0.5074

 50.8173, 0.4167,
0.5074

389.8535, 0.3757,
0.4253


 36.0632, 0.4221,
0.5234

 91.3847, 0.4053,
0.4806

 24.4830, 0.4261,
0.5409


 117.9667, 0.3999,
0.4695

 15.6923, 0.4297,
0.5627


 149.2603, 0.3949,
0.4598

 9.3067, 0.4224,
0.5776

 185.6496, 0.3904,
0.4512

 4.9418, 0.4066,
0.5934

 227.5193, 0.3862,
0.4436

 2.2131, 0.3808,
0.6192

 275.2535, 0.3824,

 0.7271, 0.2387,

0.4368

0.7613

329.2368, 0.3789,
0.4308

■ 0.0000, 0.0000,
0.0000

■ 50.8173, 0.4167,
0.5074

■ 50.8173, 0.4167,
0.5074

■ 50.8202, 0.4167,
0.5074

■ 50.9087, 0.4148,
0.5035

■ 51.0468, 0.4108,
0.4962

■ 51.2522, 0.4042,
0.4846

■ 51.5339, 0.3952,
0.4689

■ 51.8996, 0.3839,
0.4495

■ 52.3561, 0.3709,
0.4273

■ 52.9093, 0.3567,
0.4033

■ 53.5648, 0.3420,
0.3783

■ 54.3278, 0.3272,
0.3533

Harmonies

Analogous

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



50.8173, 0.4920, 0.4401



50.8173, 0.4167, 0.5074



50.8173, 0.3213, 0.5278

Triad

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



50.8173, 0.4167, 0.5074



50.8173, 0.1405, 0.2356



50.8173, 0.3812, 0.2372

Complementary

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



50.8173, 0.4167, 0.5074



4.0050, 0.1504, 0.0602

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.



50.8173, 0.2726, 0.1946



50.8173, 0.4167, 0.5074



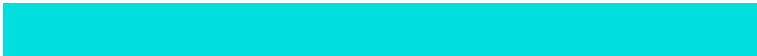
50.8173, 0.1505, 0.1880

Square

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



50.8173, 0.4167, 0.5074



50.8173, 0.1648, 0.3307



50.8173, 0.1933, 0.1770



50.8173, 0.4809, 0.2975

Rectangle

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



50.8173, 0.4167, 0.5074



50.8173, 0.2576, 0.4895



50.8173, 0.1933, 0.1770



50.8173, 0.3434, 0.2205

Sweetspot

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



50.8202, 0.4167, 0.5074



95.7937, 0.3574, 0.4044



11.7362, 0.6401, 0.3300



20.4080, 0.3636, 0.4149



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.



50.8202, 0.4167, 0.5074



92.0494, 0.4166, 0.5074



42.0779, 0.3363, 0.5712



11.7503, 0.3262, 0.3518



32.6568, 0.4167, 0.5073



1.4136, 0.4173, 0.5068

Inverse Universe

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



4.0050, 0.1504, 0.0602



7.2451, 0.1503, 0.0602



6.5824, 0.2019, 0.0886



9.7552, 0.2985, 0.3052



2.5767, 0.1506, 0.0603



0.1139, 0.1526, 0.0614

Previews

White Background



This preview shows how the Yxy color 50.8173, 0.4167, 0.5074 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 50.8173, 0.4167, 0.5074 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 50.8173, 0.4167, 0.5074

Background



This preview shows how black text looks on a background with the Yxy color 50.8173, 0.4167, 0.5074.

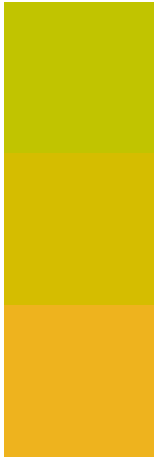


This preview shows how white text looks on a background with the Yxy color 50.8173, 0.4167, 0.5074.

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

50.8173, 0.4167, 0.5074

Protanopia

50.5413, 0.4408, 0.4882

Deuteranopia

50.5111, 0.4676, 0.4576



Tritanopia

50.5632, 0.3220, 0.3122

Trichromacy



Original Color

50.8173, 0.4167, 0.5074

Protanomaly

50.8211, 0.4318, 0.4953

Deuteranomaly

50.2745, 0.4503, 0.4757

Tritanomaly

49.4388, 0.3748, 0.4068

Monochromacy



Original Color

50.8173, 0.4167, 0.5074

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

43.8768, 0.3696, 0.4250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8173, 0.4167, 0.5074 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(193, 196, 0)` looks like.

```
.text, #text, p{  
    color:rgb(193, 196, 0)  
}
```

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(193, 196, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 196, 0) }
```

Border

The CSS property to change the border of an element to Yxy 50.8173, 0.4167, 0.5074 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(193, 196, 0) }
```

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

```
.border{ border-color:rgb(193, 196, 0) }
```

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

Here you see how a box with a 4 pixel rgb(193, 196, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 196, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 196, 0);  
box-shadow:4px 4px 4px 4px rgb(193, 196,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8173, 0.4167, 0.5074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 196, 0) }
```

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

```
.background{ background-color: rgb(193,  
196, 0) }
```

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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