

Converting Colors

$Y_{xy}(52.1923, 0.4200, 0.5035)$

Have a look what the booklet for
Yxy(52.1923, 0.4200, 0.5035)
contains.

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Color

Yxy(52.0856, 0.4206, 0.5031)

Conversions

Conversions Part 1

Format	Color
Hex	C7C505
RGB	199, 197, 5
RGB Percent	78%, 77%, 2%
CMY	0.2197, 0.2274, 0.9807
CMYK	0.00, 0.01, 0.98, 0.22
HSL	59°, 95%, 40%
HSV	59°, 98%, 78%
XYZ	43.5444, 52.0856, 7.8993
YIQ	175.7100, 62.8240, -59.2880

Conversions

Conversions Part 2

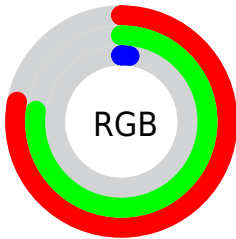
Format	Color
RYB	7, 199, 5
Decimal	13092101
CIELab	77.33, -16.84, 77.50
CIElCh	77, 79.312, 102.261
Yxy	52.0856, 0.4206, 0.5031
Android (android.graphics.Color)	4291282181 (0xFFC7C505)
YUV	175.7100, -84.1600, 20.4253
Hunter-Lab	72.1704, -18.5990, 44.0298

Details

The Yxy color **52.0856, 0.4206, 0.5031** 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 **4.3047, 0.1512, 0.0623**, and the grayscale version is **43.6757, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1664, 0.4053, 0.4789**, and **25.5220, 0.4146, 0.5090** is the 20% darker color. If you saturate the color by 10%, you get **52.0544, 0.4211, 0.5038**, and if you desaturate by 10%, it is **52.2390, 0.4179, 0.4991**.

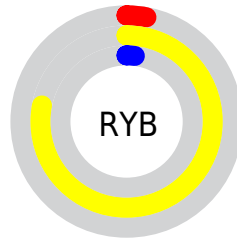
Distribution



Red (78%)

Green (77%)

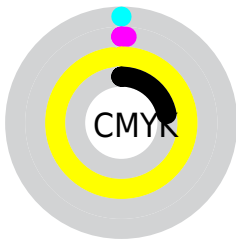
Blue (2%)



Red (3%)

Yellow (78%)

Blue (2%)

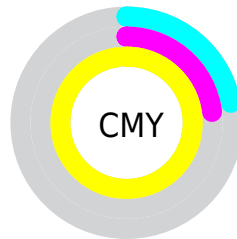


Cyan (0%)

Magenta (1%)

Yellow (98%)

Black (22%)



Cyan (22%)

Magenta (23%)

Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.0856, 0.4206, 0.5031 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 52.0856, 0.4206, 0.5031 by changing the saturation by 10% instead.

 52.0856, 0.4206,
0.5031


 52.0856, 0.4206,
0.5031


394.7670, 0.3777,
0.4239


 37.0733, 0.4265,
0.5183


 93.2575, 0.4084,
0.4774

 25.2643, 0.4314,
0.5349


 120.1858, 0.4028,
0.4668

 16.2740, 0.4355,
0.5547


 151.8550, 0.3976,
0.4574

 9.7183, 0.4307,
0.5693

 188.6494, 0.3928,
0.4491

 5.2126, 0.4172,
0.5828

 230.9534, 0.3885,
0.4417

 2.3725, 0.3953,
0.6047

 279.1514, 0.3846,

 0.8117, 0.3074,

0.4351

0.6926

333.6278, 0.3810,
0.4292

■ 0.0000, 0.0000,
0.0000

■ 52.0856, 0.4206,
0.5031

■ 52.0856, 0.4206,
0.5031

■ 52.0544, 0.4211,
0.5038

■ 52.2390, 0.4179,
0.4991

■ 52.4493, 0.4128,
0.4912

■ 52.7317, 0.4051,
0.4789

■ 53.0954, 0.3949,
0.4626

■ 53.5479, 0.3826,
0.4428

■ 54.0961, 0.3688,
0.4204

■ 54.7461, 0.3540,
0.3964

■ 55.5035, 0.3389,
0.3717

■ 56.3736, 0.3238,
0.3471

Harmonies

Analogous

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



52.0856, 0.4934, 0.4358



52.0856, 0.4206, 0.5031



52.0856, 0.3266, 0.5265

Triad

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



52.0856, 0.4206, 0.5031



52.0856, 0.1423, 0.2403



52.0856, 0.3748, 0.2353

Complementary

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



52.0856, 0.4206, 0.5031



4.3047, 0.1512, 0.0623

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.



52.0856, 0.2682, 0.1942



52.0856, 0.4206, 0.5031



52.0856, 0.1505, 0.1907

Square

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



52.0856, 0.4206, 0.5031



52.0856, 0.1685, 0.3369



52.0856, 0.1914, 0.1781



52.0856, 0.4751, 0.2946

Rectangle

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



52.0856, 0.4206, 0.5031



52.0856, 0.2630, 0.4919



52.0856, 0.1914, 0.1781



52.0856, 0.3375, 0.2191

Sweetspot

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



52.0880, 0.4206, 0.5031



95.6378, 0.3569, 0.4011



12.2654, 0.6345, 0.3291



20.3634, 0.3633, 0.4115



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.



52.0880, 0.4206, 0.5031



91.1311, 0.4211, 0.5038



43.8675, 0.3398, 0.5669



12.3977, 0.3265, 0.3516



33.4847, 0.4211, 0.5039



1.5916, 0.4207, 0.5042

Inverse Universe

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



4.3047, 0.1512, 0.0623



7.2765, 0.1501, 0.0604



6.8670, 0.2013, 0.0893



10.3045, 0.2983, 0.3054



2.6877, 0.1502, 0.0607



0.1335, 0.1510, 0.0634

Previews

White Background



This preview shows how the Yxy color 52.0856, 0.4206, 0.5031 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 52.0856, 0.4206, 0.5031 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 52.0856, 0.4206, 0.5031

Background



This preview shows how black text looks on a background with the Yxy color 52.0856, 0.4206, 0.5031.



This preview shows how white text looks on a background with the Yxy color 52.0856, 0.4206, 0.5031.

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

52.0856, 0.4206, 0.5031

Protanopia

51.7087, 0.4406, 0.4883

Deuteranopia

51.8423, 0.4680, 0.4575



Tritanopia

51.8952, 0.3262, 0.3125

Trichromacy



Original Color

52.0856, 0.4206, 0.5031

Protanomaly

51.6996, 0.4333, 0.4937

Deuteranomaly

51.7635, 0.4514, 0.4743

Tritanomaly

50.7641, 0.3783, 0.4039

Monochromacy



Original Color

52.0856, 0.4206, 0.5031

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

45.6862, 0.3690, 0.4220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0856, 0.4206, 0.5031 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(199, 197, 5)` looks like.

```
.text, #text, p{  
    color:rgb(199, 197, 5)  
}
```

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(199, 197, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 197, 5) }
```

Border

The CSS property to change the border of an element to Yxy 52.0856, 0.4206, 0.5031 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(199, 197, 5) }
```

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

```
.border{ border-color:rgb(199, 197, 5) }
```

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

Here you see how a box with a 4 pixel rgb(199, 197, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 197, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 197, 5);  
box-shadow:4px 4px 4px 4px rgb(199, 197,  
5) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0856, 0.4206, 0.5031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 197, 5) }
```

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

```
.background{ background-color: rgb(199,  
197, 5) }
```

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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