

Converting Colors

Yxy(54.8798, 0.4214, 0.5036)

Have a look what the booklet for
Yxy(54.8798, 0.4214, 0.5036)
contains.

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Color

Yxy(55.0784, 0.4210, 0.5039)

Conversions

Conversions Part 1

Format	Color
Hex	CCCA00
RGB	204, 202, 0
RGB Percent	80%, 79%, 0%
CMY	0.2001, 0.2078, 0.9995
CMYK	0.00, 0.01, 1.00, 0.20
HSL	59°, 100%, 40%
HSV	59°, 100%, 80%
XYZ	46.0171, 55.0784, 8.2087
YIQ	179.5700, 66.0340, -62.3980

Conversions

Conversions Part 2

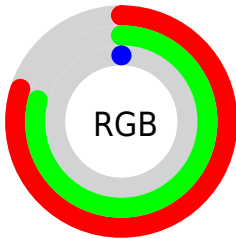
Format	Color
R _Y B	2, 204, 0
Decimal	13421056
CIE Lab	79.09, -17.24, 79.45
CIE LCh	79, 81.302, 102.245
Yxy	55.0784, 0.4210, 0.5039
Android (android.graphics.Color)	4291611136 (0xFFCCCA00)
YUV	179.5700, -88.5280, 21.4251
Hunter-Lab	74.2148, -19.1966, 45.3924

Details

The Yxy color **55.0784, 0.4210, 0.5039** 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 **4.4043, 0.1502, 0.0606**, and the grayscale version is **45.8634, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4201, 0.4045, 0.4808**, and **27.1996, 0.4159, 0.5080** is the 20% darker color. If you saturate the color by 10%, you get **55.0801, 0.4210, 0.5039**, and if you desaturate by 10%, it is **55.2251, 0.4187, 0.5005**.

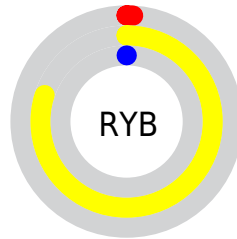
Distribution



Red (80%)

Green (79%)

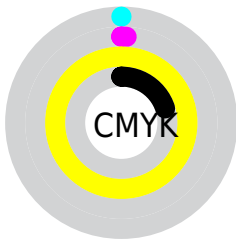
Blue (0%)



Red (1%)

Yellow (80%)

Blue (0%)

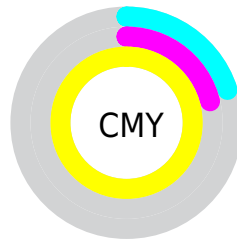


Cyan (0%)

Magenta (1%)

Yellow (100%)

Black (20%)



Cyan (20%)


Magenta (21%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.0784, 0.4210, 0.5039 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 55.0784, 0.4210, 0.5039 by changing the saturation by 10% instead.


 55.0784, 0.4210,
0.5039


 55.0784, 0.4210,
0.5039

406.2090, 0.3786,
0.4253

 39.4645, 0.4268,
0.5188

 97.6558, 0.4091,
0.4786


 27.1213, 0.4315,
0.5350


 125.3881, 0.4035,
0.4681

 17.6643, 0.4350,
0.5536


 157.9287, 0.3984,
0.4587

 10.7093, 0.4312,
0.5688

 195.6619, 0.3937,
0.4505

 5.8717, 0.4184,
0.5816

 238.9721, 0.3894,
0.4431

 2.7672, 0.3980,
0.6020

 288.2438, 0.3855,

 1.0114, 0.3460,

0.4365

0.6540

343.8613, 0.3819,
0.4306

■ 0.0000, 0.0000,
0.0000

■ 55.0784, 0.4210,
0.5039

■ 55.0784, 0.4210,
0.5039

■ 55.0801, 0.4210,
0.5039

■ 55.2251, 0.4187,
0.5005

■ 55.4243, 0.4143,
0.4937

■ 55.6974, 0.4072,
0.4825

■ 56.0542, 0.3976,
0.4671

■ 56.5033, 0.3858,
0.4481

■ 57.0522, 0.3723,
0.4262

■ 57.7074, 0.3577,
0.4025

■ 58.4751, 0.3426,
0.3778

■ 59.3609, 0.3274,
0.3530

Harmonies

Analogous

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



55.0784, 0.4942, 0.4360



55.0784, 0.4210, 0.5039



55.0784, 0.3265, 0.5278

Triad

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



55.0784, 0.4210, 0.5039



55.0784, 0.1415, 0.2397



55.0784, 0.3751, 0.2348

Complementary

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



55.0784, 0.4210, 0.5039



4.4043, 0.1502, 0.0606

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.



55.0784, 0.2679, 0.1936



55.0784, 0.4210, 0.5039



55.0784, 0.1498, 0.1900

Square

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



55.0784, 0.4210, 0.5039



55.0784, 0.1678, 0.3370



55.0784, 0.1907, 0.1773



55.0784, 0.4760, 0.2943

Rectangle

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



55.0784, 0.4210, 0.5039



55.0784, 0.2627, 0.4931



55.0784, 0.1907, 0.1773



55.0784, 0.3375, 0.2186

Sweetspot

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



55.0810, 0.4210, 0.5039



95.5466, 0.3584, 0.4036



12.8437, 0.6384, 0.3291



20.3477, 0.3647, 0.4139



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.



55.0810, 0.4210, 0.5039



91.2275, 0.4210, 0.5039



46.2026, 0.3385, 0.5694



13.0775, 0.3266, 0.3517



34.6876, 0.4210, 0.5039



1.7956, 0.4206, 0.5042

Inverse Universe

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



4.4043, 0.1502, 0.0606



7.2732, 0.1501, 0.0604



6.9940, 0.1985, 0.0868



10.8610, 0.2982, 0.3053



2.7786, 0.1502, 0.0607



0.1495, 0.1509, 0.0630

Previews

White Background



This preview shows how the Yxy color 55.0784, 0.4210, 0.5039 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 55.0784, 0.4210, 0.5039 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 55.0784, 0.4210, 0.5039

Background



This preview shows how black text looks on a background with the Yxy color 55.0784, 0.4210, 0.5039.



This preview shows how white text looks on a background with the Yxy color 55.0784, 0.4210, 0.5039.

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

55.0784, 0.4210, 0.5039

Protanopia

54.8520, 0.4410, 0.4881

Deuteranopia

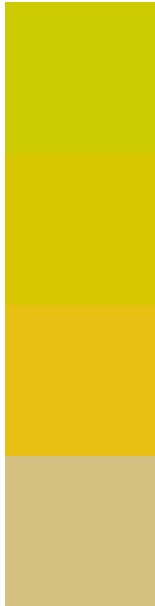
54.9857, 0.4679, 0.4581



Tritanopia

54.9824, 0.3259, 0.3129

Trichromacy



Original Color

55.0784, 0.4210, 0.5039

Protanomaly

54.8352, 0.4340, 0.4936

Deuteranomaly

54.7352, 0.4511, 0.4755

Tritanomaly

53.7220, 0.3790, 0.4058

Monochromacy



Original Color

55.0784, 0.4210, 0.5039

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

48.0231, 0.3711, 0.4236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0784, 0.4210, 0.5039 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(204, 202, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 202, 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(204, 202, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 202, 0) }
```

Border

The CSS property to change the border of an element to Yxy 55.0784, 0.4210, 0.5039 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(204, 202, 0) }
```

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

```
.border{ border-color:rgb(204, 202, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 202, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 202, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 202, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 202,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0784, 0.4210, 0.5039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 202, 0) }
```

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

```
.background{ background-color: rgb(204,  
202, 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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