

Converting Colors

Yxy(54.9717, 0.4128, 0.5105)

Have a look what the booklet for
Yxy(54.9717, 0.4128, 0.5105)
contains.

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Color

Yxy(54.9215, 0.4125, 0.5107)

Conversions

Conversions Part 1

Format	Color
Hex	C4CC00
RGB	196, 204, 0
RGB Percent	77%, 80%, 0%
CMY	0.2313, 0.2000, 1.0000
CMYK	0.04, 0.00, 1.00, 0.20
HSL	62°, 100%, 40%
HSV	62°, 100%, 80%
XYZ	44.3609, 54.9215, 8.2592
YIQ	178.3520, 60.7160, -65.1400

Conversions

Conversions Part 2

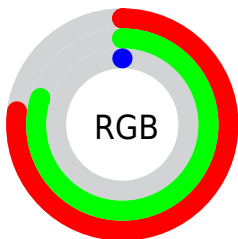
Format	Color
RYB	0, 204, 8
Decimal	12897280
CIELab	79.00, -21.62, 79.12
CIELCh	79, 82.025, 105.283
Yxy	54.9215, 0.4125, 0.5107
Android (android.graphics.Color)	4291087360 (0xFFC4CC00)
YUV	178.3520, -87.9275, 15.4773
Hunter-Lab	74.1090, -22.8425, 45.2687

Details

The Yxy color **54.9215, 0.4125, 0.5107** 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 **4.4112, 0.1511, 0.0606**, and the grayscale version is **45.1716, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4359, 0.4042, 0.4802**, and **27.2160, 0.4056, 0.5161** is the 20% darker color. If you saturate the color by 10%, you get **54.9243, 0.4125, 0.5107**, and if you desaturate by 10%, it is **55.0836, 0.4111, 0.5066**.

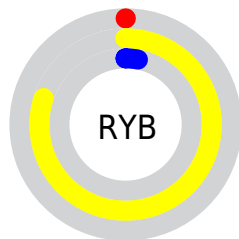
Distribution



Red (77%)

Green (80%)

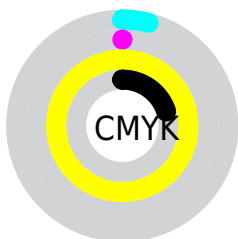
Blue (0%)



Red (0%)

Yellow (80%)

Blue (3%)

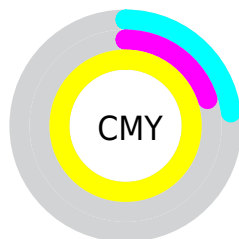


Cyan (4%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (23%)


Magenta (20%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.9215, 0.4125, 0.5107 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 54.9215, 0.4125, 0.5107 by changing the saturation by 10% instead.


 54.9215, 0.4125,
0.5107


 54.9215, 0.4125,
0.5107

405.6143, 0.3743,
0.4277


 39.3389, 0.4173,
0.5269

 97.4259, 0.4021,
0.4836

 27.0235, 0.4206,
0.5447


 125.1165, 0.3971,
0.4725

 17.5908, 0.4224,
0.5655


 157.6119, 0.3925,
0.4626

 10.6566, 0.4164,
0.5836

 195.2965, 0.3882,
0.4540

 5.8364, 0.4000,
0.6000

 238.5546, 0.3843,
0.4462

 2.7459, 0.3740,
0.6260

 287.7707, 0.3807,

 1.0006, 0.2951,

0.4394

0.7049

343.3291, 0.3774,
0.4332

■ 0.0000, 0.0000,
0.0000

■ 54.9215, 0.4125,
0.5107

■ 54.9215, 0.4125,
0.5107

■ 54.9243, 0.4125,
0.5107

■ 55.0836, 0.4111,
0.5066

■ 55.2983, 0.4076,
0.4989

■ 55.5871, 0.4015,
0.4868

■ 55.9602, 0.3928,
0.4706

■ 56.4261, 0.3820,
0.4508

■ 56.9920, 0.3694,
0.4282

■ 57.6649, 0.3556,
0.4038

■ 58.4506, 0.3413,
0.3786

■ 59.3550, 0.3268,
0.3534

Harmonies

Analogous

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



54.9215, 0.4897, 0.4440



54.9215, 0.4125, 0.5107



54.9215, 0.3164, 0.5276

Triad

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



54.9215, 0.4125, 0.5107



54.9215, 0.1396, 0.2317



54.9215, 0.3871, 0.2394

Complementary

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



54.9215, 0.4125, 0.5107



4.4112, 0.1511, 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.



54.9215, 0.2773, 0.1957



54.9215, 0.4125, 0.5107



54.9215, 0.1512, 0.1861

Square

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



54.9215, 0.4125, 0.5107



54.9215, 0.1621, 0.3248



54.9215, 0.1959, 0.1766



54.9215, 0.4854, 0.3006

Rectangle

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



54.9215, 0.4125, 0.5107



54.9215, 0.2528, 0.4858



54.9215, 0.1959, 0.1766



54.9215, 0.3491, 0.2224

Sweetspot

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



54.9243, 0.4125, 0.5107



95.4511, 0.3562, 0.4048



12.9851, 0.6379, 0.3317



20.3245, 0.3621, 0.4153



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.



54.9243, 0.4125, 0.5107



90.9364, 0.4124, 0.5108



45.6297, 0.3317, 0.5748



13.0735, 0.3260, 0.3519



34.5796, 0.4126, 0.5106



1.7910, 0.4140, 0.5095

Inverse Universe

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



4.4112, 0.1511, 0.0606



7.2844, 0.1508, 0.0604



7.5982, 0.2083, 0.0921



10.8646, 0.2988, 0.3051



2.7859, 0.1514, 0.0608



0.1512, 0.1560, 0.0633

Previews

White Background



This preview shows how the Yxy color 54.9215, 0.4125, 0.5107 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 54.9215, 0.4125, 0.5107 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 54.9215, 0.4125, 0.5107

Background



This preview shows how black text looks on a background with the Yxy color 54.9215, 0.4125, 0.5107.



This preview shows how white text looks on a background with the Yxy color 54.9215, 0.4125, 0.5107.

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

54.9215, 0.4125, 0.5107

Protanopia

54.6955, 0.4401, 0.4887

Deuteranopia

54.5764, 0.4684, 0.4567



Tritanopia

54.8882, 0.3184, 0.3127

Trichromacy



Original Color

54.9215, 0.4125, 0.5107

Protanomaly

54.6957, 0.4297, 0.4970

Deuteranomaly

54.2438, 0.4484, 0.4772

Tritanomaly

53.6211, 0.3712, 0.4086

Monochromacy



Original Color

54.9215, 0.4125, 0.5107

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

47.0472, 0.3693, 0.4263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9215, 0.4125, 0.5107 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(196, 204, 0)` looks like.

```
.text, #text, p{  
    color:rgb(196, 204, 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(196, 204, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 204, 0) }
```

Border

The CSS property to change the border of an element to Yxy 54.9215, 0.4125, 0.5107 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(196, 204, 0) }
```

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

```
.border{ border-color:rgb(196, 204, 0) }
```

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

Here you see how a box with a 4 pixel rgb(196, 204, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 204, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 204, 0);  
box-shadow:4px 4px 4px 4px rgb(196, 204,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9215, 0.4125, 0.5107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 204, 0) }
```

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

```
.background{ background-color: rgb(196,  
204, 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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