

Converting Colors

Yxy(54.3633, 0.4088, 0.5136)

Have a look what the booklet for
Yxy(54.3633, 0.4088, 0.5136)
contains.

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Color

Yxy(54.3922, 0.4090, 0.5134)

Conversions

Conversions Part 1

Format	Color
Hex	C0CC00
RGB	192, 204, 0
RGB Percent	75%, 80%, 0%
CMY	0.2471, 0.2000, 0.9990
CMYK	0.06, 0.00, 1.00, 0.20
HSL	64°, 100%, 40%
HSV	64°, 100%, 80%
XYZ	43.3315, 54.3922, 8.2213
YIQ	177.1560, 58.3320, -65.9880

Conversions

Conversions Part 2

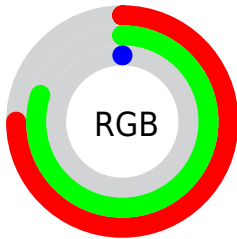
Format	Color
RYB	0, 204, 12
Decimal	12635136
CIELab	78.69, -23.33, 78.73
CIELCh	79, 82.109, 106.504
Yxy	54.3922, 0.4090, 0.5134
Android (android.graphics.Color)	4290825216 (0xFFC0CC00)
YUV	177.1560, -87.3379, 13.0182
Hunter-Lab	73.7511, -24.1889, 45.0164

Details

The Yxy color **54.3922, 0.4090, 0.5134** 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 **4.4453, 0.1517, 0.0610**, and the grayscale version is **44.5141, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8555, 0.4024, 0.4822**, and **26.8810, 0.4010, 0.5198** is the 20% darker color. If you saturate the color by 10%, you get **54.3923, 0.4090, 0.5134**, and if you desaturate by 10%, it is **54.6046, 0.4079, 0.5089**.

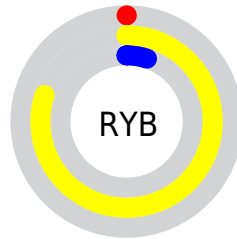
Distribution



Red (75%)

Green (80%)

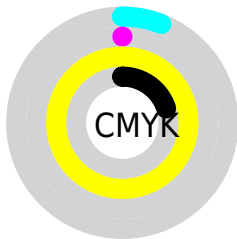
Blue (0%)



Red (0%)

Yellow (80%)

Blue (5%)

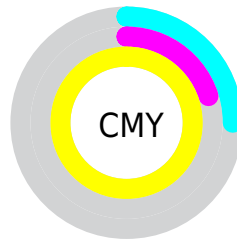


Cyan (6%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (25%)


Magenta (20%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3922, 0.4090, 0.5134 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 54.3922, 0.4090, 0.5134 by changing the saturation by 10% instead.


 54.3922, 0.4090,
0.5134


 54.3922, 0.4090,
0.5134


403.6038, 0.3725,
0.4285

 38.9153, 0.4133,
0.5302


 96.6499, 0.3992,
0.4855


 26.6938, 0.4162,
0.5487


 124.1994, 0.3945,
0.4741

 17.3434, 0.4173,
0.5706


 156.5420, 0.3900,
0.4641

 10.4796, 0.4101,
0.5899

 194.0620, 0.3859,
0.4552

 5.7181, 0.3922,
0.6078

 237.1437, 0.3821,
0.4473

 2.6744, 0.3636,
0.6364

 286.1717, 0.3786,

 0.9642, 0.2635,

0.4404

0.7365

341.5303, 0.3754,
0.4341

■ 0.0000, 0.0000,
0.0000

■ 54.3922, 0.4090,
0.5134

■ 54.3922, 0.4090,
0.5134

■ 54.3923, 0.4090,
0.5134

■ 54.6046, 0.4079,
0.5089

■ 54.8711, 0.4047,
0.5008

■ 55.2126, 0.3989,
0.4883

■ 55.6392, 0.3906,
0.4716

■ 56.1593, 0.3801,
0.4513

■ 56.7804, 0.3678,
0.4284

■ 57.5092, 0.3544,
0.4037

■ 58.3517, 0.3404,
0.3784

■ 59.3136, 0.3263,
0.3532

Harmonies

Analogous

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



54.3922, 0.4878, 0.4472



54.3922, 0.4090, 0.5134



54.3922, 0.3122, 0.5273

Triad

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



54.3922, 0.4090, 0.5134



54.3922, 0.1389, 0.2285



54.3922, 0.3921, 0.2413

Complementary

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



54.3922, 0.4090, 0.5134



4.4453, 0.1517, 0.0610

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.



54.3922, 0.2812, 0.1966



54.3922, 0.4090, 0.5134



54.3922, 0.1519, 0.1846

Square

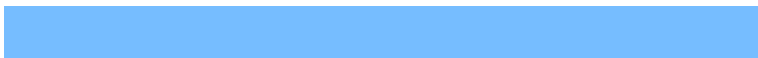
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.3922, 0.4090, 0.5134



54.3922, 0.1599, 0.3200



54.3922, 0.1981, 0.1764



54.3922, 0.4890, 0.3031

Rectangle

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



54.3922, 0.4090, 0.5134



54.3922, 0.2488, 0.4827



54.3922, 0.1981, 0.1764



54.3922, 0.3539, 0.2240

Sweetspot

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



54.3947, 0.4090, 0.5134



95.1694, 0.3551, 0.4050



13.0652, 0.6367, 0.3325



20.2559, 0.3609, 0.4157



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.



54.3947, 0.4090, 0.5134



90.0402, 0.4089, 0.5136



45.4609, 0.3297, 0.5764



13.0617, 0.3257, 0.3520



34.2477, 0.4092, 0.5133



1.7773, 0.4113, 0.5117

Inverse Universe

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



4.4453, 0.1517, 0.0610



7.3218, 0.1513, 0.0607



7.8306, 0.2119, 0.0942



10.8750, 0.2991, 0.3051



2.8070, 0.1521, 0.0611



0.1561, 0.1590, 0.0650

Previews

White Background



This preview shows how the Yxy color 54.3922, 0.4090, 0.5134 looks on a white background.

Color Contrast Check

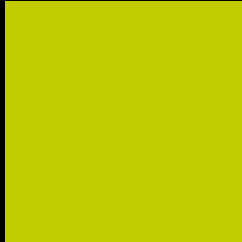
Large Text (above 18pt) WCAG AA × Fail

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 54.3922, 0.4090, 0.5134 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 54.3922, 0.4090, 0.5134

Background



This preview shows how black text looks on a background with the Yxy color 54.3922, 0.4090, 0.5134.



This preview shows how white text looks on a background with the Yxy color 54.3922, 0.4090, 0.5134.

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

54.3922, 0.4090, 0.5134

Protanopia

54.2459, 0.4411, 0.4880

Deuteranopia

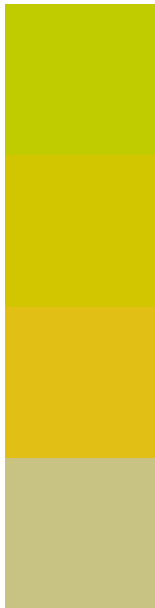
53.8033, 0.4675, 0.4568



Tritanopia

54.3565, 0.3144, 0.3113

Trichromacy



Original Color

54.3922, 0.4090, 0.5134

Protanomaly

54.0898, 0.4297, 0.4970

Deuteranomaly

53.4845, 0.4476, 0.4775

Tritanomaly

53.0864, 0.3669, 0.4084

Monochromacy



Original Color

54.3922, 0.4090, 0.5134

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

46.6780, 0.3665, 0.4273

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3922, 0.4090, 0.5134 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(192, 204, 0)` looks like.

```
.text, #text, p{  
    color:rgb(192, 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(192, 204, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 204, 0) }
```

Border

The CSS property to change the border of an element to Yxy 54.3922, 0.4090, 0.5134 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(192, 204, 0) }
```

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

```
.border{ border-color:rgb(192, 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(192, 204, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 204, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 204, 0);  
box-shadow:4px 4px 4px 4px rgb(192, 204,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3922, 0.4090, 0.5134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 204, 0) }
```

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

```
.background{ background-color: rgb(192,  
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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