

Converting Colors

Yxy(54.5817, 0.3998, 0.5203)

Have a look what the booklet for
Yxy(54.5817, 0.3998, 0.5203)
contains.

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Color

Yxy(54.8204, 0.3996, 0.5205)

Conversions

Conversions Part 1

Format	Color
Hex	B8CF02
RGB	184, 207, 2
RGB Percent	72%, 81%, 1%
CMY	0.2785, 0.1882, 0.9928
CMYK	0.11, 0.00, 0.99, 0.19
HSL	67°, 98%, 41%
HSV	67°, 99%, 81%
XYZ	42.0869, 54.8204, 8.4153
YIQ	176.7530, 52.0970, -68.6310

Conversions

Conversions Part 2

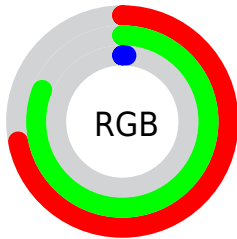
Format	Color
R _Y B	2, 207, 25
Decimal	12111618
CIE Lab	78.94, -28.11, 78.49
CIE LCh	79, 83.376, 109.706
Yxy	54.8204, 0.3996, 0.5205
Android (android.graphics.Color)	4290301698 (0xFFB8CF02)
YUV	176.7530, -86.1532, 6.3556
Hunter-Lab	74.0408, -28.1069, 45.0898

Details

The Yxy color **54.8204, 0.3996, 0.5205** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as dark washed chartreuse. A complement of this color would be **4.7505, 0.1542, 0.0627**, and the grayscale version is **44.2607, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4090, 0.3965, 0.4851**, and **27.2181, 0.3889, 0.5294** is the 20% darker color. If you saturate the color by 10%, you get **54.7934, 0.3996, 0.5209**, and if you desaturate by 10%, it is **55.1682, 0.3994, 0.5149**.

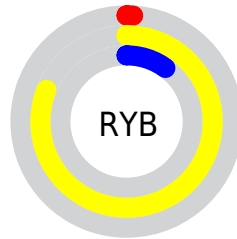
Distribution



Red (72%)

Green (81%)

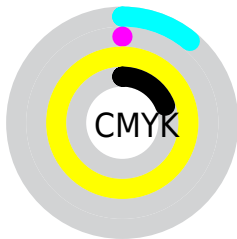
Blue (1%)



Red (1%)

Yellow (81%)

Blue (10%)

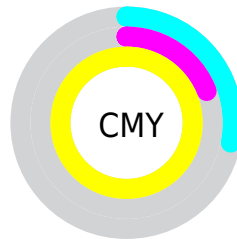


Cyan (11%)

Magenta (0%)

Yellow (99%)

Black (19%)



Cyan (28%)

Magenta (19%)


Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.8204, 0.3996, 0.5205 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 54.8204, 0.3996, 0.5205 by changing the saturation by 10% instead.


 54.8204, 0.3996,
0.5205


 54.8204, 0.3996,
0.5205


405.2308, 0.3679,
0.4311

 39.2579, 0.4028,
0.5386

 97.2778, 0.3915,
0.4908


 26.9605, 0.4043,
0.5589


 124.9415, 0.3874,
0.4787

 17.5435, 0.4034,
0.5830


 157.4077, 0.3835,
0.4682

 10.6228, 0.3941,
0.6059

 195.0609, 0.3799,
0.4589

 5.8138, 0.3726,
0.6274

 238.2854, 0.3765,
0.4507

 2.7322, 0.3383,
0.6617

 287.4656, 0.3734,

 0.9936, 0.2037,

0.4434

0.7963

342.9859, 0.3705,
0.4369

■ 0.0000, 0.0000,
0.0000

■ 54.8204, 0.3996,
0.5205

■ 54.8204, 0.3996,
0.5205

■ 54.7934, 0.3996,
0.5209

■ 55.1682, 0.3994,
0.5149

■ 55.5784, 0.3969,
0.5054

■ 56.0705, 0.3919,
0.4915

■ 56.6548, 0.3844,
0.4733

■ 57.3400, 0.3746,
0.4518

■ 58.1337, 0.3633,
0.4279

■ 59.0428, 0.3508,
0.4025

■ 60.0737, 0.3377,
0.3768

■ 61.2321, 0.3245,
0.3513

Harmonies

Analogous

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



54.8204, 0.4824, 0.4559



54.8204, 0.3996, 0.5205



54.8204, 0.3012, 0.5260

Triad

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



54.8204, 0.3996, 0.5205



54.8204, 0.1371, 0.2204



54.8204, 0.4052, 0.2464

Complementary

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



54.8204, 0.3996, 0.5205



4.7505, 0.1542, 0.0627

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.



54.8204, 0.2918, 0.1990



54.8204, 0.3996, 0.5205



54.8204, 0.1537, 0.1807

Square

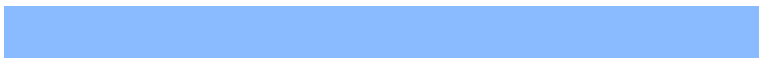
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.8204, 0.3996, 0.5205



54.8204, 0.1542, 0.3074



54.8204, 0.2040, 0.1759



54.8204, 0.4985, 0.3098

Rectangle

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



54.8204, 0.3996, 0.5205



54.8204, 0.2383, 0.4738



54.8204, 0.2040, 0.1759



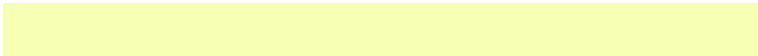
54.8204, 0.3667, 0.2283

Sweetspot

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



54.8229, 0.3996, 0.5205



94.4221, 0.3524, 0.4058



13.8585, 0.6312, 0.3359



20.0744, 0.3578, 0.4166



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.



54.8229, 0.3996, 0.5205



87.7498, 0.3993, 0.5211



46.5155, 0.3241, 0.5803



13.7275, 0.3249, 0.3521



34.5443, 0.3999, 0.5207



1.9511, 0.4037, 0.5177

Inverse Universe

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



4.7505, 0.1542, 0.0627



7.4757, 0.1532, 0.0617



8.9011, 0.2233, 0.1007



11.4803, 0.2999, 0.3051



2.9757, 0.1543, 0.0624



0.1883, 0.1661, 0.0688

Previews

White Background



This preview shows how the Yxy color 54.8204, 0.3996, 0.5205 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 54.8204, 0.3996, 0.5205 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 54.8204, 0.3996, 0.5205

Background



This preview shows how black text looks on a background with the Yxy color 54.8204, 0.3996, 0.5205.



This preview shows how white text looks on a background with the Yxy color 54.8204, 0.3996, 0.5205.

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

54.8204, 0.3996, 0.5205

Protanopia

54.6955, 0.4401, 0.4887

Deuteranopia

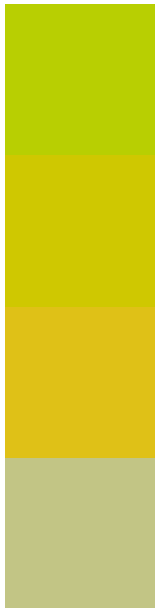
54.4121, 0.4668, 0.4564



Tritanopia

54.3955, 0.3064, 0.3099

Trichromacy



Original Color

54.8204, 0.3996, 0.5205

Protanomaly

54.5761, 0.4253, 0.5003

Deuteranomaly

53.8898, 0.4428, 0.4806

Tritanomaly

53.0953, 0.3586, 0.4099

Monochromacy



Original Color

54.8204, 0.3996, 0.5205

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

46.8620, 0.3643, 0.4291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8204, 0.3996, 0.5205 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(184, 207, 2)` looks like.

```
.text, #text, p{  
    color:rgb(184, 207, 2)  
}
```

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(184, 207, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 207, 2) }
```

Border

The CSS property to change the border of an element to Yxy 54.8204, 0.3996, 0.5205 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(184, 207, 2) }
```

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

```
.border{ border-color:rgb(184, 207, 2) }
```

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

Here you see how a box with a 4 pixel rgb(184, 207, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 207, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 207, 2);  
box-shadow:4px 4px 4px 4px rgb(184, 207,  
2) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8204, 0.3996, 0.5205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 207, 2) }
```

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

```
.background{ background-color: rgb(184,  
207, 2) }
```

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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