

Converting Colors

$Yxy(54.0926, 0.3966, 0.5233)$

Have a look what the booklet for
Yxy(54.0926, 0.3966, 0.5233)
contains.

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Color

Yxy(54.3289, 0.3964, 0.5235)

Conversions

Conversions Part 1

Format	Color
Hex	B4CF00
RGB	180, 207, 0
RGB Percent	71%, 81%, 0%
CMY	0.2940, 0.1882, 1.0000
CMYK	0.13, 0.00, 1.00, 0.19
HSL	68°, 100%, 41%
HSV	68°, 100%, 81%
XYZ	41.1384, 54.3289, 8.3128
YIQ	175.3290, 50.3550, -70.1010

Conversions

Conversions Part 2

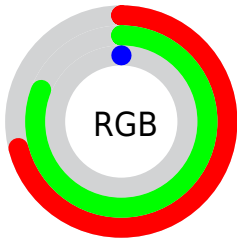
Format	Color
RYB	0, 207, 27
Decimal	11849472
CIELab	78.65, -29.77, 78.35
CIELCh	79, 83.816, 110.806
Yxy	54.3289, 0.3964, 0.5235
Android (android.graphics.Color)	4290039552 (0xFFB4CF00)
YUV	175.3290, -86.4372, 4.0965
Hunter-Lab	73.7081, -29.3637, 44.9090

Details

The Yxy color **54.3289, 0.3964, 0.5235** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **4.7377, 0.1546, 0.0625**, and the grayscale version is **43.4905, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7011, 0.3937, 0.4869**, and **26.9200, 0.3844, 0.5330** is the 20% darker color. If you saturate the color by 10%, you get **54.3317, 0.3964, 0.5235**, and if you desaturate by 10%, it is **54.7118, 0.3966, 0.5178**.

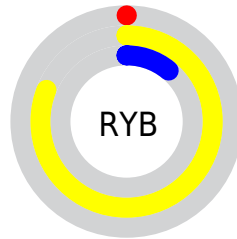
Distribution



Red (71%)

Green (81%)

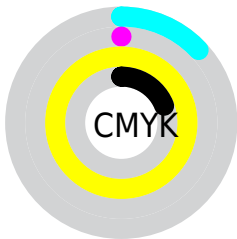
Blue (0%)



Red (0%)

Yellow (81%)

Blue (11%)

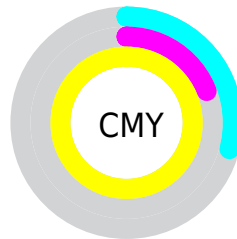


Cyan (13%)

Magenta (0%)

Yellow (100%)

Black (19%)



Cyan (29%)


Magenta (19%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.3289, 0.3964, 0.5235 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 54.3289, 0.3964, 0.5235 by changing the saturation by 10% instead.


 54.3289, 0.3964,
0.5235


 54.3289, 0.3964,
0.5235


403.3630, 0.3663,
0.4321

 38.8647, 0.3992,
0.5422


 96.5570, 0.3889,
0.4930


 26.6545, 0.4001,
0.5632


 124.0896, 0.3850,
0.4807

 17.3139, 0.3985,
0.5884


 156.4139, 0.3813,
0.4699

 10.4585, 0.3879,
0.6121

 193.9141, 0.3779,
0.4604

 5.7040, 0.3647,
0.6353

 236.9748, 0.3746,
0.4521

 2.6660, 0.3279,
0.6721

 285.9802, 0.3716,

 0.9599, 0.1606,

0.4446

0.8394

341.3148, 0.3689,
0.4380

■ 0.0000, 0.0000,
0.0000

■ 54.3289, 0.3964,
0.5235

■ 54.3289, 0.3964,
0.5235

■ 54.3317, 0.3964,
0.5235

■ 54.7118, 0.3966,
0.5178

■ 55.1550, 0.3947,
0.5083

■ 55.6807, 0.3902,
0.4943

■ 56.2994, 0.3832,
0.4762

■ 57.0198, 0.3740,
0.4546

■ 57.8498, 0.3631,
0.4305

■ 58.7963, 0.3510,
0.4051

■ 59.8657, 0.3382,
0.3791

■ 61.0638, 0.3254,
0.3536

Harmonies

Analogous

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



54.3289, 0.4809, 0.4592



54.3289, 0.3964, 0.5235



54.3289, 0.2973, 0.5262

Triad

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



54.3289, 0.3964, 0.5235



54.3289, 0.1361, 0.2173



54.3289, 0.4101, 0.2479

Complementary

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



54.3289, 0.3964, 0.5235



4.7377, 0.1546, 0.0625

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.



54.3289, 0.2955, 0.1996



54.3289, 0.3964, 0.5235



54.3289, 0.1539, 0.1790

Square

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



54.3289, 0.3964, 0.5235



54.3289, 0.1518, 0.3029



54.3289, 0.2058, 0.1753



54.3289, 0.5023, 0.3120

Rectangle

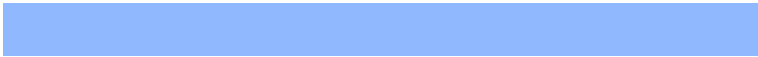
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.3289, 0.3964, 0.5235



54.3289, 0.2344, 0.4711



54.3289, 0.2058, 0.1753



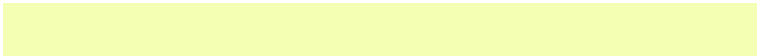
54.3289, 0.3714, 0.2295

Sweetspot

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



54.3317, 0.3964, 0.5235



94.1724, 0.3514, 0.4060



13.9249, 0.6310, 0.3372



20.0138, 0.3567, 0.4170



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.



54.3317, 0.3964, 0.5235



87.0129, 0.3961, 0.5237



46.3030, 0.3218, 0.5827



13.7162, 0.3246, 0.3521



34.2608, 0.3967, 0.5232



1.9379, 0.4011, 0.5197

Inverse Universe

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



4.7377, 0.1546, 0.0625



7.5472, 0.1540, 0.0622



9.0671, 0.2262, 0.1020



11.4905, 0.3002, 0.3051



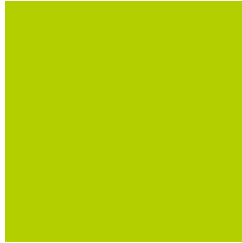
3.0082, 0.1553, 0.0629



0.1930, 0.1686, 0.0702

Previews

White Background



This preview shows how the Yxy color 54.3289, 0.3964, 0.5235 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 54.3289, 0.3964, 0.5235 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 54.3289, 0.3964, 0.5235

Background



This preview shows how black text looks on a background with the Yxy color 54.3289, 0.3964, 0.5235.



This preview shows how white text looks on a background with the Yxy color 54.3289, 0.3964, 0.5235.

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

54.3289, 0.3964, 0.5235

Protanopia

54.0903, 0.4402, 0.4887

Deuteranopia

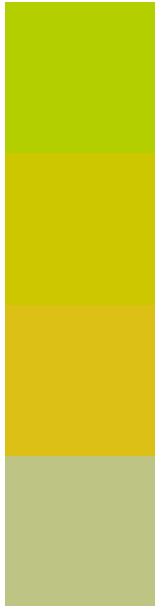
53.8148, 0.4670, 0.4561



Tritanopia

53.9891, 0.3041, 0.3098

Trichromacy



Original Color

54.3289, 0.3964, 0.5235

Protanomaly

53.8260, 0.4245, 0.5011

Deuteranomaly

53.1294, 0.4422, 0.4813

Tritanomaly

52.5456, 0.3558, 0.4121

Monochromacy



Original Color

54.3289, 0.3964, 0.5235

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

46.0355, 0.3634, 0.4315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3289, 0.3964, 0.5235 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(180, 207, 0)` looks like.

```
.text, #text, p{  
    color:rgb(180, 207, 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(180, 207, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 207, 0) }
```

Border

The CSS property to change the border of an element to Yxy 54.3289, 0.3964, 0.5235 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(180, 207, 0) }
```

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

```
.border{ border-color:rgb(180, 207, 0) }
```

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

Here you see how a box with a 4 pixel rgb(180, 207, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 207, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 207, 0);  
box-shadow:4px 4px 4px 4px rgb(180, 207,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3289, 0.3964, 0.5235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 207, 0) }
```

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

```
.background{ background-color: rgb(180,  
207, 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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