

Converting Colors

Yxy(54.9284, 0.3057, 0.5948)

Have a look what the booklet for
Yxy(54.9284, 0.3057, 0.5948)
contains.

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Color

Yxy(54.9348, 0.3058, 0.5946)

Conversions

Conversions Part 1

Format	Color
Hex	2CE203
RGB	44, 226, 3
RGB Percent	17%, 89%, 1%
CMY	0.8273, 0.1137, 0.9879
CMYK	0.81, 0.00, 0.99, 0.11
HSL	109°, 97%, 45%
HSV	109°, 99%, 89%
XYZ	28.2527, 54.9348, 9.2020
YIQ	146.1600, -36.8890, -107.9370

Conversions

Conversions Part 2

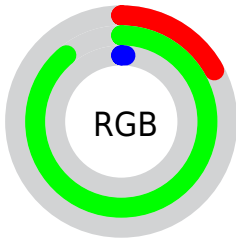
Format	Color
R _Y B	3, 226, 185
Decimal	2941443
CIE Lab	79.00, -75.81, 76.03
CIE LCh	79, 107.367, 134.916
Yxy	54.9348, 0.3058, 0.5946
Android (android.graphics.Color)	4281131523 (0xFF2CE203)
YUV	146.1600, -70.5779, -89.5943
Hunter-Lab	74.1180, -61.6649, 44.5216

Details

The Yxy color **54.9348, 0.3058, 0.5946** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **15.8788, 0.2749, 0.1292**, and the grayscale version is **29.1290, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.4932, 0.3188, 0.5325**, and **28.3759, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **54.8763, 0.3054, 0.5957**, and if you desaturate by 10%, it is **55.5070, 0.3094, 0.5841**.

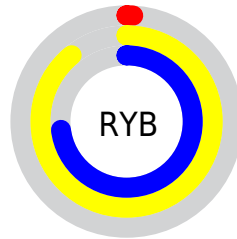
Distribution



Red (17%)

Green (89%)

Blue (1%)



Red (1%)

Yellow (89%)

Blue (73%)

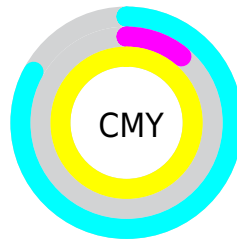


Cyan (81%)

Magenta (0%)

Yellow (99%)

Black (11%)



Cyan (83%)


Magenta (11%)


Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.9348, 0.3058, 0.5946 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 54.9348, 0.3058, 0.5946 by changing the saturation by 10% instead.


 54.9348, 0.3058,
0.5946


 54.9348, 0.3058,
0.5946


405.6647, 0.3223,
0.4576

 39.3495, 0.2972,
0.6268


 97.4454, 0.3152,
0.5456

 27.0317, 0.2838,
0.6655


 125.1396, 0.3177,
0.5268

 17.5971, 0.2630,
0.7130

 157.6388, 0.3194,
0.5108


 10.6611, 0.2303,
0.7697

 195.3274, 0.3205,
0.4971

 5.8394, 0.1769,
0.8231

 238.5900, 0.3213,
0.4852

 2.7477, 0.0514,
0.9486

 287.8108, 0.3218,

 1.0015, 0.0000,

0.4748

1.0000

343.3742, 0.3221,
0.4657

■ 0.0000, 0.0000,
0.0000

■ 54.9348, 0.3058,
0.5946

■ 54.9348, 0.3058,
0.5946

■ 54.8763, 0.3054,
0.5957

■ 55.5070, 0.3094,
0.5841

■ 56.3561, 0.3127,
0.5661

■ 57.5215, 0.3153,
0.5410

■ 59.0324, 0.3170,
0.5106

■ 60.9142, 0.3177,
0.4773

■ 63.1901, 0.3177,
0.4431

■ 65.8811, 0.3169,
0.4100

■ 69.0068, 0.3157,
0.3790

■ 72.5856, 0.3142,
0.3509

Harmonies

Analogous

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



54.9348, 0.4225, 0.5481



54.9348, 0.3058, 0.5946



54.9348, 0.1963, 0.4957

Triad

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



54.9348, 0.3058, 0.5946



54.9348, 0.1181, 0.1536



54.9348, 0.5352, 0.2860

Complementary

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



54.9348, 0.3058, 0.5946



15.8788, 0.2749, 0.1292

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.



54.9348, 0.4051, 0.2166



54.9348, 0.3058, 0.5946



54.9348, 0.1675, 0.1449

Square

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



54.9348, 0.3058, 0.5946



54.9348, 0.1043, 0.2032



54.9348, 0.2637, 0.1667



54.9348, 0.5755, 0.3632

Rectangle

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



54.9348, 0.3058, 0.5946



54.9348, 0.1437, 0.3751



54.9348, 0.2637, 0.1667



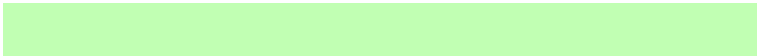
54.9348, 0.4989, 0.2616

Sweetspot

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



54.9371, 0.3058, 0.5946



86.0333, 0.3171, 0.4151



49.3940, 0.4593, 0.4728



18.0866, 0.3174, 0.4290



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.



54.9371, 0.3058, 0.5946



72.1206, 0.3051, 0.5959



54.8557, 0.2890, 0.5593



15.4577, 0.3143, 0.3530



31.3433, 0.3061, 0.5951



2.2083, 0.3157, 0.5875

Inverse Universe

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



15.8788, 0.2749, 0.1292



20.6527, 0.2739, 0.1283



18.7436, 0.4144, 0.2062



13.8017, 0.3109, 0.3057



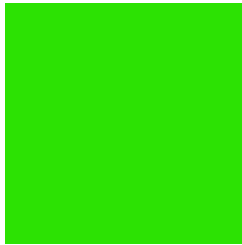
9.0285, 0.2750, 0.1288



0.6593, 0.2824, 0.1330

Previews

White Background



This preview shows how the Yxy color 54.9348, 0.3058, 0.5946 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 54.9348, 0.3058, 0.5946 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 54.9348, 0.3058, 0.5946

Background



This preview shows how black text looks on a background with the Yxy color 54.9348, 0.3058, 0.5946.



This preview shows how white text looks on a background with the Yxy color 54.9348, 0.3058, 0.5946.

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

54.9348, 0.3058, 0.5946

Protanopia

53.6436, 0.4412, 0.4879

Deuteranopia

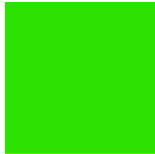
53.7358, 0.4618, 0.4511



Tritanopia

54.4640, 0.2384, 0.3063

Trichromacy



Original Color

54.9348, 0.3058, 0.5946



Protanomaly

51.1134, 0.3758, 0.5396



Deuteranomaly

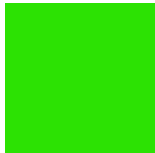
49.6091, 0.3902, 0.5165



Tritanomaly

52.9364, 0.2722, 0.4348

Monochromacy



Original Color

54.9348, 0.3058, 0.5946



Achromatopsia

28.7441, 0.3127, 0.3290



Achromatomaly

34.7193, 0.3179, 0.4665

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9348, 0.3058, 0.5946 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(44, 226, 3)` looks like.

```
.text, #text, p{  
    color:rgb(44, 226, 3)  
}
```

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(44, 226, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 226, 3) }
```

Border

The CSS property to change the border of an element to Yxy 54.9348, 0.3058, 0.5946 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(44, 226, 3) }
```

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

```
.border{ border-color:rgb(44, 226, 3) }
```

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

Here you see how a box with a 4 pixel rgb(44, 226, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 226, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 226, 3);  
box-shadow:4px 4px 4px 4px rgb(44, 226, 3)  
}
```


Background

The CSS property to change the background color of an element to Yxy 54.9348, 0.3058, 0.5946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 226, 3) }
```

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

```
.background{ background-color: rgb(44, 226,  
3) }
```

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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