

Converting Colors

Yxy(54.3702, 0.3095, 0.5925)

Have a look what the booklet for
Yxy(54.3702, 0.3095, 0.5925)
contains.

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Color

Yxy(54.1521, 0.3095, 0.5925)

Conversions

Conversions Part 1

Format	Color
Hex	38E000
RGB	56, 224, 0
RGB Percent	22%, 88%, 0%
CMY	0.7803, 0.1216, 1.0000
CMYK	0.75, 0.00, 1.00, 0.12
HSL	105°, 100%, 44%
HSV	105°, 100%, 88%
XYZ	28.2870, 54.1521, 8.9568
YIQ	148.2320, -28.2240, -105.2800

Conversions

Conversions Part 2

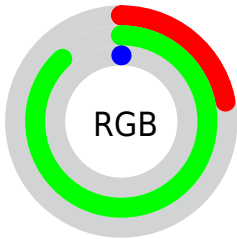
Format	Color
RYB	0, 224, 168
Decimal	3727360
CIELab	78.55, -73.72, 76.04
CIELCh	79, 105.905, 134.113
Yxy	54.1521, 0.3095, 0.5925
Android (android.graphics.Color)	4281917440 (0xFF38E000)
YUV	148.2320, -73.0784, -80.8875
Hunter-Lab	73.5881, -60.1643, 44.2952

Details

The Yxy color **54.1521, 0.3095, 0.5925** 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 **13.7040, 0.2576, 0.1193**, and the grayscale version is **30.0414, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.9377, 0.3222, 0.5314**, and **27.6374, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **54.1547, 0.3095, 0.5925**, and if you desaturate by 10%, it is **54.7823, 0.3139, 0.5821**.

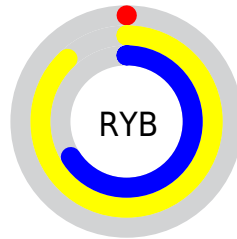
Distribution



Red (22%)

Green (88%)

Blue (0%)



Red (0%)

Yellow (88%)

Blue (66%)

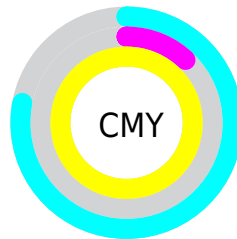


Cyan (75%)

Magenta (0%)

Yellow (100%)

Black (12%)



Cyan (78%)


Magenta (12%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.1521, 0.3095, 0.5925 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 54.1521, 0.3095, 0.5925 by changing the saturation by 10% instead.

 54.1521, 0.3095,
0.5925


 54.1521, 0.3095,
0.5925


402.6897, 0.3242,
0.4566


 38.7233, 0.3012,
0.6243


 96.2975, 0.3183,
0.5439


 26.5445, 0.2882,
0.6626


 123.7829, 0.3206,
0.5253

 17.2314, 0.2680,
0.7099


 156.0560, 0.3220,
0.5094

 10.3996, 0.2352,
0.7648

 193.5011, 0.3230,
0.4958

 5.6647, 0.1819,
0.8181

 236.5026, 0.3236,
0.4840

 2.6423, 0.0545,
0.9455

 285.4450, 0.3240,


 0.9480, 0.0000,


0.4737


1.0000

340.7125, 0.3241,
0.4647

 0.0000, 0.0000,
0.0000

 54.1521, 0.3095,
0.5925


 54.1521, 0.3095,
0.5925


 54.1547, 0.3095,
0.5925

 54.7823, 0.3139,
0.5821

 55.6558, 0.3178,
0.5649

 56.8108, 0.3206,
0.5410

 58.2716, 0.3222,
0.5118

 60.0598, 0.3225,
0.4795

■ 62.1949, 0.3218,
0.4462

■ 64.6947, 0.3202,
0.4135

■ 67.5758, 0.3180,
0.3827

■ 70.8536, 0.3155,
0.3545

Harmonies

Analogous

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



54.1521, 0.4253, 0.5446



54.1521, 0.3095, 0.5925



54.1521, 0.1999, 0.4985

Triad

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



54.1521, 0.3095, 0.5925



54.1521, 0.1184, 0.1555



54.1521, 0.5308, 0.2845

Complementary

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



54.1521, 0.3095, 0.5925



13.7040, 0.2576, 0.1193

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.



54.1521, 0.4004, 0.2157



54.1521, 0.3095, 0.5925



54.1521, 0.1666, 0.1458

Square

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



54.1521, 0.3095, 0.5925



54.1521, 0.1056, 0.2063



54.1521, 0.2609, 0.1667



54.1521, 0.5739, 0.3614

Rectangle

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



54.1521, 0.3095, 0.5925



54.1521, 0.1467, 0.3796



54.1521, 0.2609, 0.1667



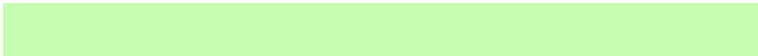
54.1521, 0.4940, 0.2603

Sweetspot

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



54.1547, 0.3095, 0.5925



86.7106, 0.3202, 0.4142



42.4952, 0.4767, 0.4597



18.2427, 0.3210, 0.4279



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.



54.1547, 0.3095, 0.5925



72.6027, 0.3091, 0.5928



53.5634, 0.2933, 0.5758



15.5020, 0.3153, 0.3530



31.5667, 0.3103, 0.5918



2.2299, 0.3213, 0.5831

Inverse Universe

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



13.7040, 0.2576, 0.1193



18.3247, 0.2571, 0.1190



18.8162, 0.3914, 0.1930



13.7540, 0.3098, 0.3056



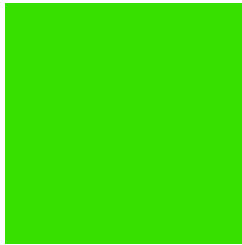
8.0333, 0.2586, 0.1198



0.5982, 0.2686, 0.1253

Previews

White Background



This preview shows how the Yxy color 54.1521, 0.3095, 0.5925 looks on a white background.

Color Contrast Check

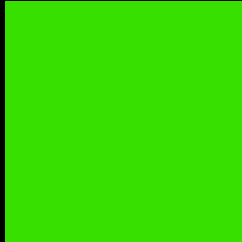
Large Text (above 18pt) WCAG AA × Fail

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 54.1521, 0.3095, 0.5925 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 54.1521, 0.3095, 0.5925

Background



This preview shows how black text looks on a background with the Yxy color 54.1521, 0.3095, 0.5925.



This preview shows how white text looks on a background with the Yxy color 54.1521, 0.3095, 0.5925.

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

54.1521, 0.3095, 0.5925

Protanopia

52.8916, 0.4404, 0.4885

Deuteranopia

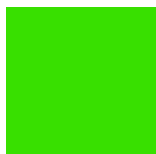
52.9576, 0.4614, 0.4518



Tritanopia

53.6738, 0.2409, 0.3063

Trichromacy



Original Color

54.1521, 0.3095, 0.5925



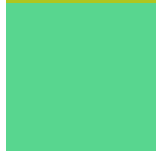
Protanomaly

50.4548, 0.3797, 0.5367



Deuteranomaly

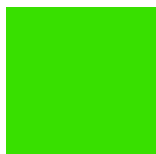
49.4858, 0.3938, 0.5142



Tritanomaly

52.1510, 0.2764, 0.4364

Monochromacy



Original Color

54.1521, 0.3095, 0.5925



Achromatopsia

29.6138, 0.3127, 0.3290



Achromatomaly

35.5037, 0.3228, 0.4655

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1521, 0.3095, 0.5925 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(56, 224, 0)` looks like.

```
.text, #text, p{  
    color:rgb(56, 224, 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(56, 224, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 224, 0) }
```

Border

The CSS property to change the border of an element to Yxy 54.1521, 0.3095, 0.5925 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(56, 224, 0) }
```

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

```
.border{ border-color:rgb(56, 224, 0) }
```

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

Here you see how a box with a 4 pixel rgb(56, 224, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 224, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 224, 0);  
box-shadow:4px 4px 4px 4px rgb(56, 224, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 54.1521, 0.3095, 0.5925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 224, 0) }
```

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

```
.background{ background-color: rgb(56, 224,  
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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