

Converting Colors

Yxy(43.5453, 0.2955, 0.5742)

Have a look what the booklet for
Yxy(43.5453, 0.2955, 0.5742)
contains.

Yxy(43.5504, 0.2954, 0.5739)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(43.5504, 0.2954, 0.5739)

Conversions

Conversions Part 1	
Format	Color
Hex	15CC2F
RGB	21, 204, 47
RGB Percent	8%, 80%, 18%
CMY	0.9175, 0.2000, 0.8155
CMYK	0.90, 0.00, 0.77, 0.20
HSL	129°, 81%, 44%
HSV	129°, 90%, 80%
XYZ	22.4164, 43.5504, 9.9182
YIQ	131.3850, -58.6710, -87.6230

Conversions

Conversions Part 2

Format	Color
RYB	21, 181, 204
Decimal	1428527
CIELab	71.93, -70.08, 61.61
CIELCh	72, 93.308, 138.678
Yxy	43.5504, 0.2954, 0.5739
Android (android.graphics.Color)	4279618607 (0xFF15CC2F)
YUV	131.3850, -41.6018, -96.8076
Hunter-Lab	65.9927, -54.8543, 37.2841

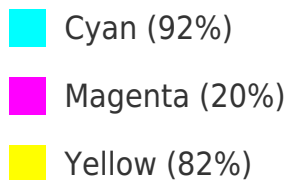
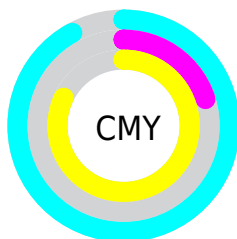
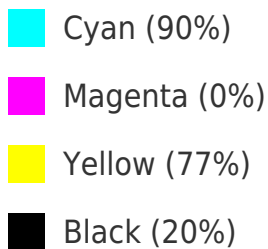
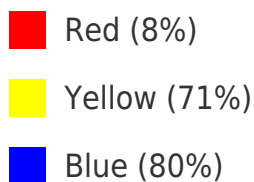
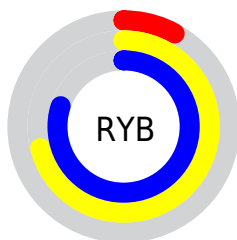
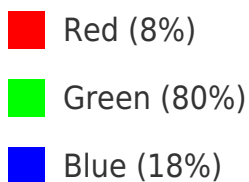
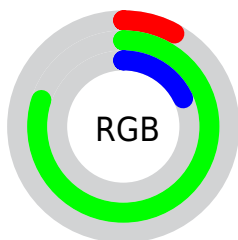
Details

The Yxy color **43.5504, 0.2954, 0.5739** is a dark color, and the websafe version is hex **00CC33**.

The color can be described as dark washed green. A complement of this color would be **16.5894, 0.3557, 0.1777**, and the grayscale version is **23.0162, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.7076, 0.3054, 0.5203**, and **21.1798, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **43.2823, 0.2969, 0.5888**, and if you desaturate by 10%, it is **44.0436, 0.2944, 0.5526**.

Distribution




Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5504, 0.2954, 0.5739 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 43.5504, 0.2954, 0.5739 by changing the saturation by 10% instead.


 43.5504, 0.2954,
0.5739

 43.5504, 0.2954,
0.5739


 360.8704, 0.3143,
0.4408


 30.3172, 0.2866,
0.6083


 80.5408, 0.3052,
0.5240


 20.0795, 0.2727,
0.6518


 105.0667, 0.3080,
0.5056

 12.4528, 0.2503,
0.7073


 134.1258, 0.3099,
0.4903

 7.0529, 0.2152,
0.7848

 168.1022, 0.3114,
0.4773

 3.4952, 0.1458,
0.8542

 207.3805, 0.3124,
0.4661

 1.3954, 0.0000,
1.0000

 252.3451, 0.3132,

 0.2133, 0.0000,

0.4565

1.0000


303.3802, 0.3138,
0.4481


 0.0000, 0.0000,
0.0000


 43.5504, 0.2954,
0.5739


 43.5504, 0.2954,
0.5739

 43.2823, 0.2969,
0.5888


 44.0436, 0.2944,
0.5526

 43.2755, 0.2970,
0.5891

 44.8156, 0.2944,
0.5258


 45.9026, 0.2955,
0.4955


 47.3344, 0.2974,
0.4637

 49.1371, 0.3000,
0.4322

 51.3342, 0.3030,
0.4023

 53.9473, 0.3063,
0.3748

 56.9965, 0.3096,
0.3502

 60.5006, 0.3128,
0.3284

Harmonies

Analogous

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



43.5504, 0.4078, 0.5489



43.5504, 0.2954, 0.5739



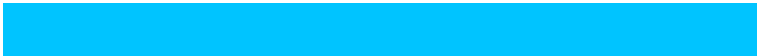
43.5504, 0.1926, 0.4641

Triad

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



43.5504, 0.2954, 0.5739



43.5504, 0.1299, 0.1585



43.5504, 0.5327, 0.2988

Complementary

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



43.5504, 0.2954, 0.5739



16.5894, 0.3557, 0.1777

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.



43.5504, 0.4179, 0.2298



43.5504, 0.2954, 0.5739



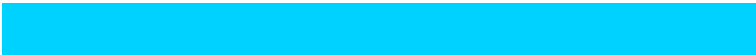
43.5504, 0.1832, 0.1535

Square

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



43.5504, 0.2954, 0.5739



43.5504, 0.1125, 0.2015



43.5504, 0.2818, 0.1782



43.5504, 0.5609, 0.3756

Rectangle

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



43.5504, 0.2954, 0.5739



43.5504, 0.1453, 0.3530



43.5504, 0.2818, 0.1782



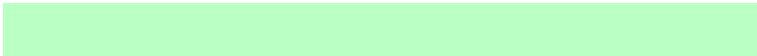
43.5504, 0.5020, 0.2747

Sweetspot

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



43.5522, 0.2954, 0.5739



85.9606, 0.3038, 0.3957



52.8972, 0.3961, 0.5179



18.1015, 0.3027, 0.4056



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.



43.5522, 0.2954, 0.5739



71.6489, 0.2973, 0.5904



45.1503, 0.2576, 0.4404



12.5625, 0.3097, 0.3495



27.2458, 0.2965, 0.5876



1.4142, 0.2883, 0.5577

Inverse Universe

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



16.5894, 0.3557, 0.1777



26.3613, 0.3613, 0.1764



14.0820, 0.5223, 0.2730



11.3753, 0.3159, 0.3093



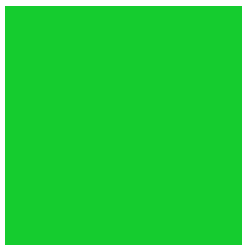
10.0386, 0.3601, 0.1757



0.5256, 0.3513, 0.1709

Previews

White Background



This preview shows how the Yxy color 43.5504, 0.2954, 0.5739 looks on a white background.

Color Contrast Check

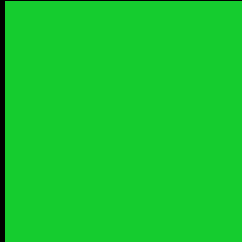
Large Text (above 18pt) WCAG AA × Fail

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 43.5504, 0.2954, 0.5739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

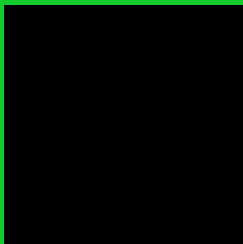
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.5504, 0.2954, 0.5739

Background



This preview shows how black text looks on a background with the Yxy color 43.5504, 0.2954, 0.5739.



This preview shows how white text looks on a background with the Yxy color 43.5504, 0.2954, 0.5739.

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

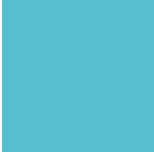
43.5504, 0.2954, 0.5739

Protanopia

42.5489, 0.4313, 0.4769

Deuteranopia

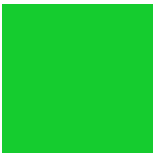
42.5367, 0.4497, 0.4403



Tritanopia

43.2616, 0.2358, 0.3054

Trichromacy



Original Color
43.5504, 0.2954, 0.5739



Protanomaly
40.1978, 0.3605, 0.5268



Deuteranomaly
39.0489, 0.3714, 0.5016



Tritanomaly
42.1925, 0.2587, 0.4065

Monochromacy



Original Color
43.5504, 0.2954, 0.5739



Achromatopsia
22.6966, 0.3127, 0.3290



Achromatomaly
27.5980, 0.2999, 0.4392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5504, 0.2954, 0.5739 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(21, 204, 47)` looks like.

```
.text, #text, p{  
    color:rgb(21, 204, 47)  
}
```

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(21, 204, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 204, 47) }
```

Border

The CSS property to change the border of an element to Yxy 43.5504, 0.2954, 0.5739 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(21, 204, 47) }
```

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

```
.border{ border-color:rgb(21, 204, 47) }
```

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

Here you see how a box with a 4 pixel rgb(21, 204, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 204, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 204, 47);  
box-shadow:4px 4px 4px 4px rgb(21, 204,  
47) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5504, 0.2954, 0.5739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 204, 47) }
```

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

```
.background{ background-color: rgb(21, 204,  
47) }
```

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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