

Converting Colors

$Yxy(44.0607, 0.3482, 0.5617)$

Have a look what the booklet for
Yxy(44.0607, 0.3482, 0.5617)
contains.

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Color

Yxy(44.0330, 0.3479, 0.5619)

Conversions

Conversions Part 1

Format	Color
Hex	73C600
RGB	115, 198, 0
RGB Percent	45%, 78%, 0%
CMY	0.5491, 0.2235, 0.9991
CMYK	0.42, 0.00, 1.00, 0.22
HSL	85°, 100%, 39%
HSV	85°, 100%, 78%
XYZ	27.2630, 44.0330, 7.0685
YIQ	150.6110, 14.0900, -79.1740

Conversions

Conversions Part 2

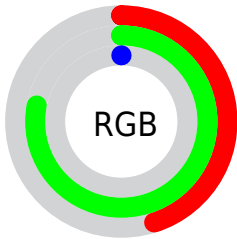
Format	Color
RYB	0, 198, 83
Decimal	7587328
CIELab	72.25, -50.64, 71.78
CIELCh	72, 87.843, 125.206
Yxy	44.0330, 0.3479, 0.5619
Android (android.graphics.Color)	4285777408 (0xFF73C600)
YUV	150.6110, -74.2512, -31.2308
Hunter-Lab	66.3574, -42.7885, 40.1345

Details

The Yxy color **44.0330, 0.3479, 0.5619** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **5.9338, 0.1874, 0.0807**, and the grayscale version is **31.1014, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.1128, 0.3498, 0.5187**, and **20.4292, 0.3230, 0.5817** is the 20% darker color. If you saturate the color by 10%, you get **44.0277, 0.3478, 0.5620**, and if you desaturate by 10%, it is **44.6741, 0.3523, 0.5516**.

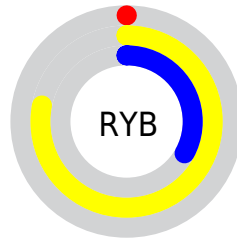
Distribution



Red (45%)

Green (78%)

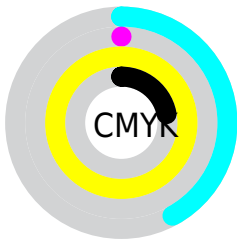
Blue (0%)



Red (0%)

Yellow (78%)

Blue (33%)

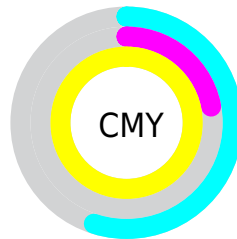


Cyan (42%)

Magenta (0%)

Yellow (100%)

Black (22%)



Cyan (55%)


Magenta (22%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0330, 0.3479, 0.5619 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 44.0330, 0.3479, 0.5619 by changing the saturation by 10% instead.

 44.0330, 0.3479,
0.5619

 44.0330, 0.3479,
0.5619


362.8429, 0.3420,
0.4415

 30.6965, 0.3442,
0.5900


 81.2674, 0.3494,
0.5189


 20.3678, 0.3362,
0.6235


 105.9340, 0.3488,
0.5024

 12.6627, 0.3246,
0.6714


 135.1462, 0.3479,
0.4883

 7.1967, 0.2915,
0.7085

 169.2882, 0.3468,
0.4762

 3.5854, 0.2402,
0.7598

 208.7445, 0.3456,
0.4658

 1.4445, 0.0352,
0.9648

 253.8994, 0.3444,

 0.2491, 0.0000,

0.4566

1.0000

305.1374, 0.3432,
0.4486

■ 0.0000, 0.0000,
0.0000

■ 44.0330, 0.3479,
0.5619

■ 44.0330, 0.3479,
0.5619

■ 44.0277, 0.3478,
0.5620

■ 44.6741, 0.3523,
0.5516

■ 45.4168, 0.3549,
0.5367

■ 46.2817, 0.3551,
0.5167

■ 47.2793, 0.3530,
0.4926

■ 48.4186, 0.3488,
0.4656

■ 49.7078, 0.3431,
0.4371

■ 51.1539, 0.3361,
0.4083

■ 52.7639, 0.3285,
0.3802

■ 54.5439, 0.3206,
0.3535

Harmonies

Analogous

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



44.0330, 0.4515, 0.5062



44.0330, 0.3479, 0.5619



44.0330, 0.2415, 0.5146

Triad

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



44.0330, 0.3479, 0.5619



44.0330, 0.1261, 0.1800



44.0330, 0.4786, 0.2706

Complementary

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



44.0330, 0.3479, 0.5619



5.9338, 0.1874, 0.0807

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.



44.0330, 0.3528, 0.2097



44.0330, 0.3479, 0.5619



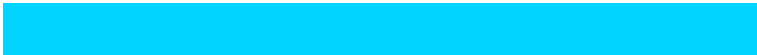
44.0330, 0.1614, 0.1596

Square

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



44.0330, 0.3479, 0.5619



44.0330, 0.1242, 0.2448



44.0330, 0.2362, 0.1708



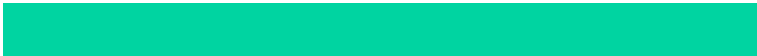
44.0330, 0.5468, 0.3425

Rectangle

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



44.0330, 0.3479, 0.5619



44.0330, 0.1828, 0.4215



44.0330, 0.2362, 0.1708



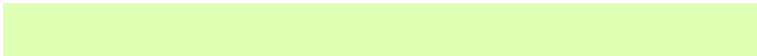
44.0330, 0.4397, 0.2485

Sweetspot

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



44.0349, 0.3479, 0.5619



90.4238, 0.3366, 0.4099



18.1389, 0.5654, 0.3891



19.1139, 0.3396, 0.4222



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.



44.0349, 0.3479, 0.5619



77.8106, 0.3469, 0.5628



40.5083, 0.3018, 0.5985



12.1866, 0.3202, 0.3523



28.6814, 0.3487, 0.5613



1.4000, 0.3633, 0.5498

Inverse Universe

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



5.9338, 0.1874, 0.0807



10.3494, 0.1858, 0.0797



13.9701, 0.3000, 0.1427



10.5014, 0.3047, 0.3056



3.8991, 0.1886, 0.0813



0.2270, 0.2128, 0.0946

Previews

White Background



This preview shows how the Yxy color 44.0330, 0.3479, 0.5619 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 44.0330, 0.3479, 0.5619 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 44.0330, 0.3479, 0.5619

Background



This preview shows how black text looks on a background with the Yxy color 44.0330, 0.3479, 0.5619.



This preview shows how white text looks on a background with the Yxy color 44.0330, 0.3479, 0.5619.

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

44.0330, 0.3479, 0.5619

Protanopia

43.5864, 0.4403, 0.4886

Deuteranopia

43.3135, 0.4636, 0.4532



Tritanopia

43.8078, 0.2667, 0.3080

Trichromacy



Original Color

44.0330, 0.3479, 0.5619

Protanomaly

43.0228, 0.4033, 0.5180

Deuteranomaly

41.9783, 0.4204, 0.4953

Tritanomaly

42.6733, 0.3106, 0.4243

Monochromacy



Original Color

44.0330, 0.3479, 0.5619

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

34.2531, 0.3448, 0.4441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0330, 0.3479, 0.5619 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(115, 198, 0)` looks like.

```
.text, #text, p{  
    color:rgb(115, 198, 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(115, 198, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 198, 0) }
```

Border

The CSS property to change the border of an element to Yxy 44.0330, 0.3479, 0.5619 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(115, 198, 0) }
```

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

```
.border{ border-color:rgb(115, 198, 0) }
```

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

Here you see how a box with a 4 pixel rgb(115, 198, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 198, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 198, 0);  
box-shadow:4px 4px 4px 4px rgb(115, 198,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0330, 0.3479, 0.5619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 198, 0) }
```

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

```
.background{ background-color: rgb(115,  
198, 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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