

Converting Colors

$Yxy(44.0157, 0.3458, 0.5597)$

Have a look what the booklet for
Yxy(44.0157, 0.3458, 0.5597)
contains.

Yxy(43.9946, 0.3460, 0.5594)	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(43.9946, 0.3460, 0.5594)

Conversions

Conversions Part 1

Format	Color
Hex	72C60D
RGB	114, 198, 13
RGB Percent	45%, 78%, 5%
CMY	0.5527, 0.2235, 0.9488
CMYK	0.42, 0.00, 0.93, 0.22
HSL	87°, 88%, 41%
HSV	87°, 93%, 78%
XYZ	27.2115, 43.9946, 7.4399
YIQ	151.7940, 9.3210, -75.3430

Conversions

Conversions Part 2

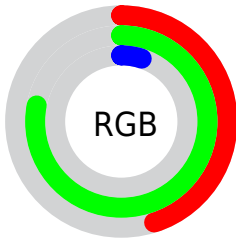
Format	Color
RYB	13, 198, 97
Decimal	7521805
CIELab	72.22, -50.74, 70.35
CIELCh	72, 86.737, 125.802
Yxy	43.9946, 0.3460, 0.5594
Android (android.graphics.Color)	4285711885 (0xFF72C60D)
YUV	151.7940, -68.4254, -33.1453
Hunter-Lab	66.3284, -42.8443, 39.7795

Details

The Yxy color **43.9946, 0.3460, 0.5594** 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 **6.9083, 0.2006, 0.0907**, and the grayscale version is **31.6129, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.0601, 0.3479, 0.5161**, and **20.4018, 0.3223, 0.5823** is the 20% darker color. If you saturate the color by 10%, you get **43.5822, 0.3428, 0.5660**, and if you desaturate by 10%, it is **44.7093, 0.3497, 0.5459**.

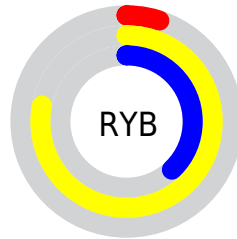
Distribution



Red (45%)

Green (78%)

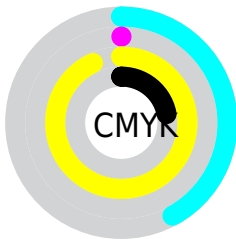
Blue (5%)



Red (5%)

Yellow (78%)

Blue (38%)

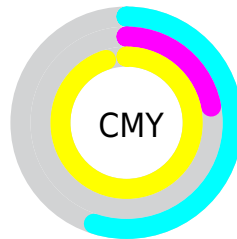


Cyan (42%)

Magenta (0%)

Yellow (93%)

Black (22%)



Cyan (55%)


Magenta (22%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.9946, 0.3460, 0.5594 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 43.9946, 0.3460, 0.5594 by changing the saturation by 10% instead.


 43.9946, 0.3460,
0.5594


 43.9946, 0.3460,
0.5594


362.6862, 0.3406,
0.4399


 30.6663, 0.3424,
0.5876


 81.2096, 0.3475,
0.5165


 20.3449, 0.3346,
0.6214


 105.8651, 0.3470,
0.5001


 12.6460, 0.3226,
0.6683


 135.0651, 0.3461,
0.4861

 7.1852, 0.2910,
0.7090

 169.1939, 0.3451,
0.4742

 3.5782, 0.2396,
0.7604

 208.6361, 0.3439,
0.4638

 1.4405, 0.0320,
0.9680

 253.7759, 0.3428,

 0.2463, 0.0000,

0.4548

1.0000

304.9978, 0.3417,
0.4469

■ 0.0000, 0.0000,
0.0000

■ 43.9946, 0.3460,
0.5594

■ 43.9946, 0.3460,
0.5594

■ 43.5822, 0.3428,
0.5660

■ 44.7093, 0.3497,
0.5459

■ 45.5480, 0.3512,
0.5271

■ 46.5243, 0.3504,
0.5037

■ 47.6479, 0.3474,
0.4769

■ 48.9274, 0.3428,
0.4482

■ 50.3708, 0.3368,
0.4189

■ 51.9851, 0.3300,
0.3902

■ 53.7772, 0.3227,
0.3628

■ 55.7533, 0.3152,
0.3372

Harmonies

Analogous

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



43.9946, 0.4488, 0.5065



43.9946, 0.3460, 0.5594



43.9946, 0.2406, 0.5097

Triad

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



43.9946, 0.3460, 0.5594



43.9946, 0.1280, 0.1807



43.9946, 0.4788, 0.2727

Complementary

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



43.9946, 0.3460, 0.5594



6.9083, 0.2006, 0.0907

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.



43.9946, 0.3550, 0.2119



43.9946, 0.3460, 0.5594



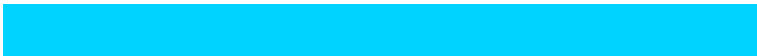
43.9946, 0.1639, 0.1610

Square

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



43.9946, 0.3460, 0.5594



43.9946, 0.1256, 0.2441



43.9946, 0.2390, 0.1727



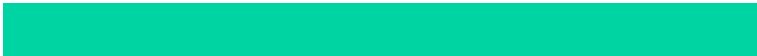
43.9946, 0.5446, 0.3444

Rectangle

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



43.9946, 0.3460, 0.5594



43.9946, 0.1829, 0.4173



43.9946, 0.2390, 0.1727



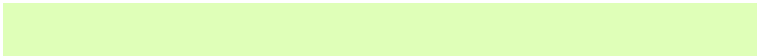
43.9946, 0.4407, 0.2507

Sweetspot

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



43.9965, 0.3460, 0.5594



90.5870, 0.3335, 0.4045



20.4520, 0.5417, 0.4018



19.1277, 0.3364, 0.4172



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.



43.9965, 0.3460, 0.5594



77.0307, 0.3418, 0.5668



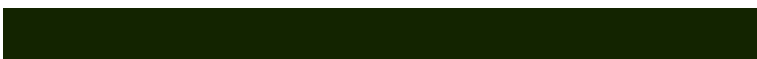
40.5897, 0.3016, 0.5941



12.1684, 0.3197, 0.3523



28.3953, 0.3437, 0.5653



1.3872, 0.3590, 0.5532

Inverse Universe

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



6.9083, 0.2006, 0.0907



10.9158, 0.1917, 0.0830



15.1533, 0.3092, 0.1499



10.5193, 0.3052, 0.3056



4.1105, 0.1946, 0.0846



0.2375, 0.2184, 0.0977

Previews

White Background



This preview shows how the Yxy color 43.9946, 0.3460, 0.5594 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 43.9946, 0.3460, 0.5594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

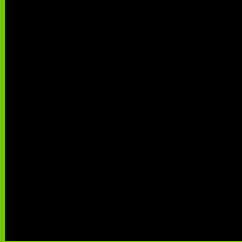
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.9946, 0.3460, 0.5594

Background



This preview shows how black text looks on a background with the Yxy color 43.9946, 0.3460, 0.5594.



This preview shows how white text looks on a background with the Yxy color 43.9946, 0.3460, 0.5594.

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

43.9946, 0.3460, 0.5594

Protanopia

43.5864, 0.4403, 0.4886

Deuteranopia

43.3271, 0.4629, 0.4523



Tritanopia

43.7229, 0.2660, 0.3080

Trichromacy



Original Color

43.9946, 0.3460, 0.5594

Protanomaly

43.0337, 0.4027, 0.5170

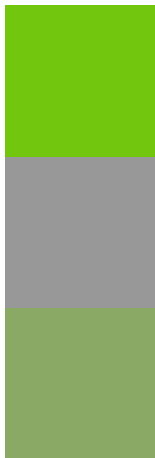
Deuteranomaly

42.0070, 0.4188, 0.4929

Tritanomaly

42.7010, 0.3070, 0.4182

Monochromacy



Original Color

43.9946, 0.3460, 0.5594

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

34.7188, 0.3406, 0.4377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9946, 0.3460, 0.5594 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(114, 198, 13)` looks like.

```
.text, #text, p{  
    color:rgb(114, 198, 13)  
}
```

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(114, 198, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 198, 13) }
```

Border

The CSS property to change the border of an element to Yxy 43.9946, 0.3460, 0.5594 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(114, 198, 13) }
```

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

```
.border{ border-color:rgb(114, 198, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 198, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 198, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 198, 13);  
box-shadow:4px 4px 4px 4px rgb(114, 198,  
13) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9946, 0.3460, 0.5594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 198, 13) }
```

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

```
.background{ background-color: rgb(114,  
198, 13) }
```

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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