

Converting Colors

$Yxy(39.6074, 0.3633, 0.5497)$

Have a look what the booklet for
Yxy(39.6074, 0.3633, 0.5497)
contains.

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Color

Yxy(39.5534, 0.3635, 0.5496)

Conversions

Conversions Part 1

Format	Color
Hex	7EBA00
RGB	126, 186, 0
RGB Percent	49%, 73%, 0%
CMY	0.5060, 0.2706, 1.0000
CMYK	0.32, 0.00, 1.00, 0.27
HSL	79°, 100%, 36%
HSV	79°, 100%, 73%
XYZ	26.1602, 39.5534, 6.2540
YIQ	146.8560, 23.9460, -70.5660

Conversions

Conversions Part 2

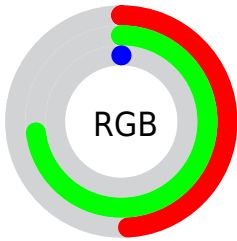
Format	Color
RYB	0, 186, 60
Decimal	8305152
CIELab	69.15, -41.79, 69.64
CIELCh	69, 81.218, 120.964
Yxy	39.5534, 0.3635, 0.5496
Android (android.graphics.Color)	4286495232 (0xFF7EBA00)
YUV	146.8560, -72.4000, -18.2907
Hunter-Lab	62.8915, -35.8116, 38.1282

Details

The Yxy color **39.5534, 0.3635, 0.5496** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **4.5072, 0.1731, 0.0727**, and the grayscale version is **29.4115, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.2591, 0.3622, 0.5082**, and **17.7677, 0.3416, 0.5670** is the 20% darker color. If you saturate the color by 10%, you get **39.5552, 0.3635, 0.5496**, and if you desaturate by 10%, it is **40.0710, 0.3666, 0.5403**.

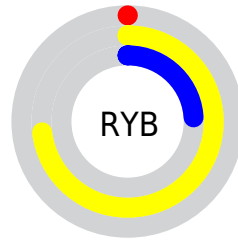
Distribution



Red (49%)

Green (73%)

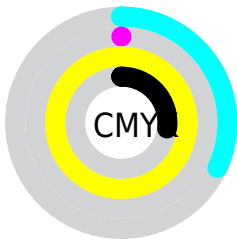
Blue (0%)



Red (0%)

Yellow (73%)

Blue (24%)

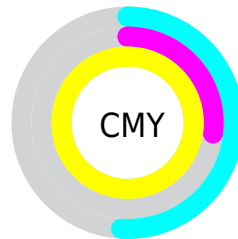


Cyan (32%)

Magenta (0%)

Yellow (100%)

Black (27%)



Cyan (51%)

Magenta (27%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5534, 0.3635, 0.5496 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 39.5534, 0.3635, 0.5496 by changing the saturation by 10% instead.


 39.5534, 0.3635,
0.5496


 39.5534, 0.3635,
0.5496


344.2376, 0.3488,
0.4353

 27.1905, 0.3618,
0.5761


 74.4830, 0.3618,
0.5088


 17.7164, 0.3561,
0.6076


 97.8184, 0.3600,
0.4931


 10.7465, 0.3473,
0.6527


 125.5802, 0.3580,
0.4797

 5.8967, 0.3152,
0.6848

 158.1527, 0.3560,
0.4683

 2.7823, 0.2652,
0.7348

 195.9203, 0.3541,
0.4583

 1.0192, 0.0000,
1.0000

 239.2674, 0.3522,

 0.0000, 0.0000,

0.4497

0.0000

288.5783, 0.3504,
0.4421

■ 39.5534, 0.3635,
0.5496

■ 39.5534, 0.3635,
0.5496

■ 39.5552, 0.3635,
0.5496

■ 40.0710, 0.3666,
0.5403

■ 40.6581, 0.3678,
0.5270

■ 41.3331, 0.3665,
0.5089

■ 42.1043, 0.3628,
0.4867

■ 42.9790, 0.3570,
0.4615

■ 43.9634, 0.3496,
0.4346

■ 45.0634, 0.3410,
0.4070

■ 46.2841, 0.3317,
0.3798

■ 47.6305, 0.3222,
0.3536

Harmonies

Analogous

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



39.5534, 0.4614, 0.4909



39.5534, 0.3635, 0.5496



39.5534, 0.2591, 0.5195

Triad

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



39.5534, 0.3635, 0.5496



39.5534, 0.1292, 0.1911



39.5534, 0.4568, 0.2639

Complementary

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



39.5534, 0.3635, 0.5496



4.5072, 0.1731, 0.0727

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.



39.5534, 0.3340, 0.2067



39.5534, 0.3635, 0.5496



39.5534, 0.1591, 0.1655

Square

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



39.5534, 0.3635, 0.5496



39.5534, 0.1326, 0.2622



39.5534, 0.2263, 0.1723



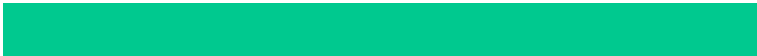
39.5534, 0.5337, 0.3334

Rectangle

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



39.5534, 0.3635, 0.5496



39.5534, 0.1987, 0.4381



39.5534, 0.2263, 0.1723



39.5534, 0.4176, 0.2429

Sweetspot

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



39.5552, 0.3635, 0.5496



81.5677, 0.3414, 0.4084



13.5581, 0.5921, 0.3681



17.7718, 0.3452, 0.4201



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.5552, 0.3635, 0.5496



71.5527, 0.3626, 0.5503



35.4633, 0.3059, 0.5953



10.3542, 0.3216, 0.3519



26.6505, 0.3642, 0.5490



0.9713, 0.3789, 0.5373

Inverse Universe

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



4.5072, 0.1731, 0.0727



8.0533, 0.1716, 0.0719



10.2120, 0.2749, 0.1288



8.8564, 0.3033, 0.3057



3.0683, 0.1743, 0.0734



0.1425, 0.2050, 0.0903

Previews

White Background



This preview shows how the Yxy color 39.5534, 0.3635, 0.5496 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 39.5534, 0.3635, 0.5496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

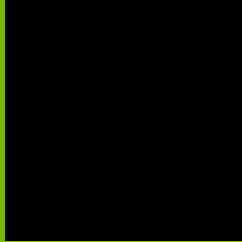
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.5534, 0.3635, 0.5496

Background



This preview shows how black text looks on a background with the Yxy color 39.5534, 0.3635, 0.5496.



This preview shows how white text looks on a background with the Yxy color 39.5534, 0.3635, 0.5496.

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

39.5534, 0.3635, 0.5496

Protanopia

39.3231, 0.4402, 0.4887

Deuteranopia

38.9207, 0.4643, 0.4533



Tritanopia

39.4043, 0.2776, 0.3089

Trichromacy



Original Color

39.5534, 0.3635, 0.5496

Protanomaly

38.8754, 0.4114, 0.5115

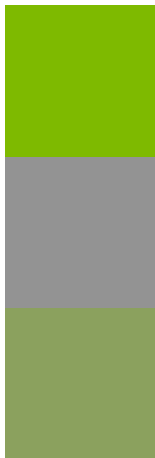
Deuteranomaly

38.2616, 0.4277, 0.4899

Tritanomaly

38.4911, 0.3236, 0.4212

Monochromacy



Original Color

39.5534, 0.3635, 0.5496

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

31.7869, 0.3501, 0.4379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5534, 0.3635, 0.5496 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(126, 186, 0)` looks like.

```
.text, #text, p{  
    color:rgb(126, 186, 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(126, 186, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 186, 0) }
```

Border

The CSS property to change the border of an element to Yxy 39.5534, 0.3635, 0.5496 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(126, 186, 0) }
```

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

```
.border{ border-color:rgb(126, 186, 0) }
```

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

Here you see how a box with a 4 pixel rgb(126, 186, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 186, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 186, 0);  
box-shadow:4px 4px 4px 4px rgb(126, 186,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5534, 0.3635, 0.5496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 186, 0) }
```

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

```
.background{ background-color: rgb(126,  
186, 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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