

Converting Colors

$Y_{xy}(39.2348, 0.3866, 0.5468)$

Have a look what the booklet for
Yxy(39.2348, 0.3866, 0.5468)
contains.

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Color

Yxy(39.2067, 0.3810, 0.5357)

Conversions

Conversions Part 1

Format	Color
Hex	8EB600
RGB	142, 182, 0
RGB Percent	56%, 71%, 0%
CMY	0.4431, 0.2863, 1.0000
CMYK	0.22, 0.00, 1.00, 0.29
HSL	73°, 100%, 36%
HSV	73°, 100%, 71%
XYZ	27.8845, 39.2067, 6.0965
YIQ	149.2920, 34.5820, -65.0820

Conversions

Conversions Part 2

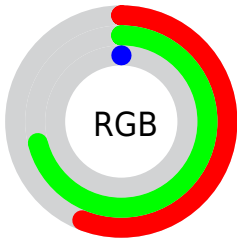
Format	Color
RYB	0, 182, 40
Decimal	9352704
CIELab	68.90, -33.72, 69.87
CIELCh	69, 77.577, 115.761
Yxy	39.2067, 0.3810, 0.5357
Android (android.graphics.Color)	4287542784 (0xFF8EB600)
YUV	149.2920, -73.6010, -6.3951
Hunter-Lab	62.6153, -30.0850, 38.0579

Details

The Yxy color **39.2067, 0.3810, 0.5357** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **3.8284, 0.1616, 0.0664**, and the grayscale version is **30.4918, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.9785, 0.3761, 0.4989**, and **17.6789, 0.3634, 0.5497** is the 20% darker color. If you saturate the color by 10%, you get **39.2085, 0.3810, 0.5357**, and if you desaturate by 10%, it is **39.6130, 0.3825, 0.5280**.

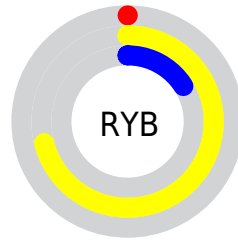
Distribution



Red (56%)

Green (71%)

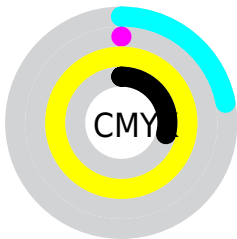
Blue (0%)



Red (0%)

Yellow (71%)

Blue (16%)

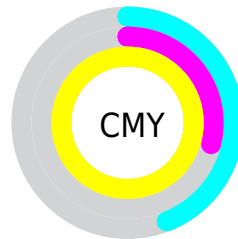


Cyan (22%)

Magenta (0%)

Yellow (100%)

Black (29%)



Cyan (44%)


Magenta (29%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2067, 0.3810, 0.5357 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 39.2067, 0.3810, 0.5357 by changing the saturation by 10% instead.


 39.2067, 0.3810,
0.5357


 39.2067, 0.3810,
0.5357


342.7685, 0.3568,
0.4306


 26.9206, 0.3818,
0.5593


 73.9540, 0.3757,
0.4988

 17.5136, 0.3794,
0.5868


 97.1839, 0.3726,
0.4844


 10.6013, 0.3747,
0.6253


 124.8306, 0.3695,
0.4720

 5.7994, 0.3486,
0.6514

 157.2783, 0.3666,
0.4614

 2.7235, 0.3074,
0.6926

 194.9116, 0.3638,
0.4521

 0.9892, 0.1029,
0.8971

 238.1148, 0.3613,

 0.0000, 0.0000,

0.4441

0.0000

287.2723, 0.3589,
0.4369

■ 39.2067, 0.3810,
0.5357

■ 39.2067, 0.3810,
0.5357

■ 39.2085, 0.3810,
0.5357

■ 39.6130, 0.3825,
0.5280

■ 40.0715, 0.3820,
0.5165

■ 40.5996, 0.3789,
0.5005

■ 41.2050, 0.3734,
0.4804

■ 41.8942, 0.3658,
0.4572

■ 42.6728, 0.3565,
0.4319

■ 43.5461, 0.3461,
0.4056

■ 44.5188, 0.3351,
0.3792

■ 45.5953, 0.3238,
0.3535

Harmonies

Analogous

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



39.2067, 0.4720, 0.4739



39.2067, 0.3810, 0.5357



39.2067, 0.2792, 0.5237

Triad

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



39.2067, 0.3810, 0.5357



39.2067, 0.1328, 0.2046



39.2067, 0.4320, 0.2557

Complementary

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



39.2067, 0.3810, 0.5357



3.8284, 0.1616, 0.0664

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.



39.2067, 0.3133, 0.2030



39.2067, 0.3810, 0.5357



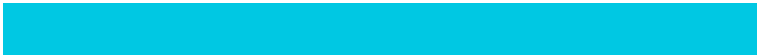
39.2067, 0.1564, 0.1726

Square

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



39.2067, 0.3810, 0.5357



39.2067, 0.1426, 0.2832



39.2067, 0.2154, 0.1740



39.2067, 0.5176, 0.3224

Rectangle

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



39.2067, 0.3810, 0.5357



39.2067, 0.2174, 0.4560



39.2067, 0.2154, 0.1740



39.2067, 0.3929, 0.2360

Sweetspot

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



39.2085, 0.3810, 0.5357



78.8621, 0.3467, 0.4069



11.4250, 0.6144, 0.3504



17.2673, 0.3511, 0.4180



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



39.2085, 0.3810, 0.5357



70.9747, 0.3803, 0.5362



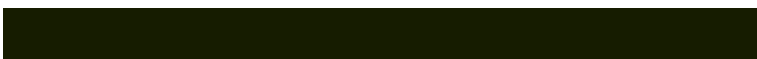
34.1754, 0.3128, 0.5898



10.4012, 0.3231, 0.3518



27.7180, 0.3814, 0.5353



1.0022, 0.3918, 0.5271

Inverse Universe

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



3.8284, 0.1616, 0.0664



6.8561, 0.1605, 0.0658



8.1578, 0.2503, 0.1153



8.8121, 0.3017, 0.3056



2.7282, 0.1625, 0.0669



0.1239, 0.1888, 0.0814

Previews

White Background



This preview shows how the Yxy color 39.2067, 0.3810, 0.5357 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 39.2067, 0.3810, 0.5357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

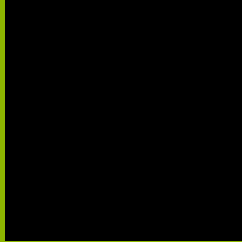
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.2067, 0.3810, 0.5357

Background



This preview shows how black text looks on a background with the Yxy color 39.2067, 0.3810, 0.5357.



This preview shows how white text looks on a background with the Yxy color 39.2067, 0.3810, 0.5357.

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

39.2067, 0.3810, 0.5357

Protanopia

38.8241, 0.4403, 0.4886

Deuteranopia

38.7550, 0.4644, 0.4553



Tritanopia

39.0639, 0.2917, 0.3093

Trichromacy



Original Color

39.2067, 0.3810, 0.5357

Protanomaly

38.6578, 0.4183, 0.5060

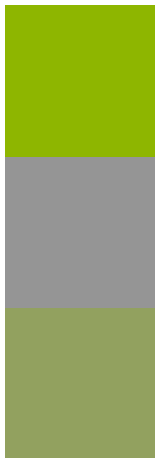
Deuteranomaly

38.1307, 0.4352, 0.4851

Tritanomaly

38.2085, 0.3407, 0.4167

Monochromacy



Original Color

39.2067, 0.3810, 0.5357

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

32.4270, 0.3566, 0.4337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2067, 0.3810, 0.5357 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(142, 182, 0)` looks like.

```
.text, #text, p{  
    color:rgb(142, 182, 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(142, 182, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 182, 0) }
```

Border

The CSS property to change the border of an element to Yxy 39.2067, 0.3810, 0.5357 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(142, 182, 0) }
```

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

```
.border{ border-color:rgb(142, 182, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 182, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 182, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 182, 0);  
box-shadow:4px 4px 4px 4px rgb(142, 182,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2067, 0.3810, 0.5357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 182, 0) }
```

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

```
.background{ background-color: rgb(142,  
182, 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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