

Converting Colors

Yxy(35.8904, 0.3889, 0.5294)

Have a look what the booklet for
Yxy(35.8904, 0.3889, 0.5294)
contains.

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Color

Yxy(35.7268, 0.3891, 0.5292)

Conversions

Conversions Part 1

Format	Color
Hex	8FAD00
RGB	143, 173, 0
RGB Percent	56%, 68%, 0%
CMY	0.4393, 0.3215, 0.9994
CMYK	0.17, 0.00, 1.00, 0.32
HSL	70°, 100%, 34%
HSV	70°, 100%, 68%
XYZ	26.2685, 35.7268, 5.5156
YIQ	144.3080, 37.6530, -60.1630

Conversions

Conversions Part 2

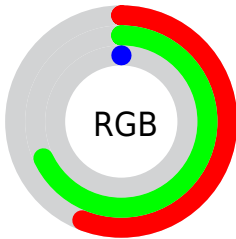
Format	Color
RYB	0, 173, 30
Decimal	9415936
CIELab	66.31, -29.10, 67.91
CIELCh	66, 73.885, 113.194
Yxy	35.7268, 0.3891, 0.5292
Android (android.graphics.Color)	4287606016 (0xFF8FAD00)
YUV	144.3080, -71.1438, -1.1471
Hunter-Lab	59.7719, -26.1538, 36.3692

Details

The Yxy color **35.7268, 0.3891, 0.5292** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **3.3000, 0.1581, 0.0645**, and the grayscale version is **28.3087, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.2880, 0.3820, 0.4935**, and **15.7010, 0.3722, 0.5427** is the 20% darker color. If you saturate the color by 10%, you get **35.7255, 0.3891, 0.5293**, and if you desaturate by 10%, it is **36.0419, 0.3897, 0.5221**.

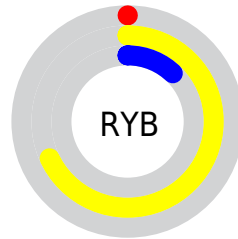
Distribution



Red (56%)

Green (68%)

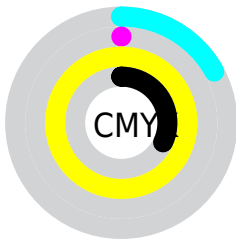
Blue (0%)



Red (0%)

Yellow (68%)

Blue (12%)

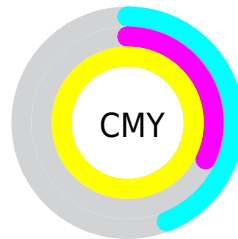


Cyan (17%)

Magenta (0%)

Yellow (100%)

Black (32%)



Cyan (44%)

Magenta (32%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.7268, 0.3891, 0.5292 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 35.7268, 0.3891, 0.5292 by changing the saturation by 10% instead.

 35.7268, 0.3891,
0.5292


 35.7268, 0.3891,
0.5292


327.7649, 0.3598,
0.4268

 24.2233, 0.3911,
0.5522


 68.6102, 0.3819,
0.4932

 15.4993, 0.3900,
0.5788


 90.7588, 0.3781,
0.4791

 9.1706, 0.3857,
0.6143


 117.2246, 0.3744,
0.4671

 4.8526, 0.3607,
0.6393

 148.3920, 0.3710,
0.4567

 2.1610, 0.3200,
0.6800

 184.6453, 0.3678,
0.4477

 0.6986, 0.0000,
1.0000

 226.3689, 0.3649,

 0.0000, 0.0000,

0.4399

0.0000

273.9473, 0.3623,
0.4330

35.7268, 0.3891,
0.5292

35.7268, 0.3891,
0.5292

35.7255, 0.3891,
0.5293

36.0419, 0.3897,
0.5221

36.3990, 0.3883,
0.5114

36.8140, 0.3844,
0.4962

37.2935, 0.3780,
0.4771

37.8432, 0.3695,
0.4547

■ 38.4680, 0.3594,
0.4301

■ 39.1724, 0.3482,
0.4044

■ 39.9606, 0.3364,
0.3785

■ 40.8363, 0.3244,
0.3531

Harmonies

Analogous

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



35.7268, 0.4767, 0.4661



35.7268, 0.3891, 0.5292



35.7268, 0.2887, 0.5250

Triad

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



35.7268, 0.3891, 0.5292



35.7268, 0.1346, 0.2112



35.7268, 0.4204, 0.2517

Complementary

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



35.7268, 0.3891, 0.5292



3.3000, 0.1581, 0.0645

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.



35.7268, 0.3039, 0.2013



35.7268, 0.3891, 0.5292



35.7268, 0.1552, 0.1760

Square

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



35.7268, 0.3891, 0.5292



35.7268, 0.1474, 0.2934



35.7268, 0.2104, 0.1747



35.7268, 0.5096, 0.3170

Rectangle

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



35.7268, 0.3891, 0.5292



35.7268, 0.2263, 0.4640



35.7268, 0.2104, 0.1747



35.7268, 0.3815, 0.2327

Sweetspot

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



35.7284, 0.3891, 0.5292



70.0652, 0.3489, 0.4060



9.7630, 0.6225, 0.3438



15.1121, 0.3536, 0.4166



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



35.7284, 0.3891, 0.5292



63.8913, 0.3886, 0.5297



30.7841, 0.3175, 0.5860



9.2588, 0.3237, 0.3516



26.2645, 0.3894, 0.5290



0.7489, 0.3991, 0.5213

Inverse Universe

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



3.3000, 0.1581, 0.0645



5.8348, 0.1570, 0.0639



6.6926, 0.2388, 0.1090



7.8216, 0.3011, 0.3057



2.4381, 0.1588, 0.0648



0.0874, 0.1846, 0.0791

Previews

White Background



This preview shows how the Yxy color 35.7268, 0.3891, 0.5292 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 35.7268, 0.3891, 0.5292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

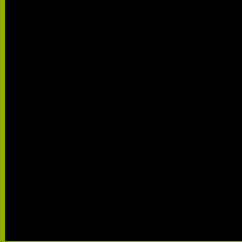
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.7268, 0.3891, 0.5292

Background



This preview shows how black text looks on a background with the Yxy color 35.7268, 0.3891, 0.5292.



This preview shows how white text looks on a background with the Yxy color 35.7268, 0.3891, 0.5292.

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

35.7268, 0.3891, 0.5292

Protanopia

35.4348, 0.4411, 0.4879

Deuteranopia

35.5727, 0.4647, 0.4560



Tritanopia

35.7138, 0.2978, 0.3102

Trichromacy



Original Color

35.7268, 0.3891, 0.5292

Protanomaly

35.2351, 0.4224, 0.5028

Deuteranomaly

35.0124, 0.4381, 0.4832

Tritanomaly

34.7334, 0.3476, 0.4125

Monochromacy



Original Color

35.7268, 0.3891, 0.5292

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

30.1447, 0.3598, 0.4311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7268, 0.3891, 0.5292 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(143, 173, 0)` looks like.

```
.text, #text, p{  
    color:rgb(143, 173, 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(143, 173, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 173, 0) }
```

Border

The CSS property to change the border of an element to Yxy 35.7268, 0.3891, 0.5292 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(143, 173, 0) }
```

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

```
.border{ border-color:rgb(143, 173, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 173, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 173, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 173, 0);  
box-shadow:4px 4px 4px 4px rgb(143, 173,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7268, 0.3891, 0.5292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 173, 0) }
```

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

```
.background{ background-color: rgb(143,  
173, 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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