

Converting Colors

$Y_{xy}(11.7059, 0.3039, 0.5969)$

Have a look what the booklet for
Yxy(11.7059, 0.3039, 0.5969)
contains.

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Color

Yxy(11.6595, 0.3038, 0.5970)

Conversions

Conversions Part 1

Format	Color
Hex	0B7000
RGB	11, 112, 0
RGB Percent	4%, 44%, 0%
CMY	0.9564, 0.5608, 1.0000
CMYK	0.90, 0.00, 1.00, 0.56
HSL	114°, 100%, 22%
HSV	114°, 100%, 44%
XYZ	5.9333, 11.6595, 1.9374
YIQ	69.0330, -24.2440, -56.2440

Conversions

Conversions Part 2

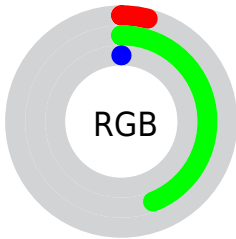
Format	Color
RYB	0, 112, 101
Decimal	749568
CIELab	40.67, -45.92, 45.49
CIELCh	41, 64.640, 135.268
Yxy	11.6595, 0.3038, 0.5970
Android (android.graphics.Color)	4278939648 (0xFF0B7000)
YUV	69.0330, -34.0333, -50.8949
Hunter-Lab	34.1460, -28.7391, 20.5382

Details

The Yxy color **11.6595, 0.3038, 0.5970** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **3.9298, 0.2971, 0.1411**, and the grayscale version is **6.0226, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.9420, 0.3170, 0.5219**, and **3.4452, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **11.6600, 0.3038, 0.5970**, and if you desaturate by 10%, it is **11.7744, 0.3052, 0.5825**.

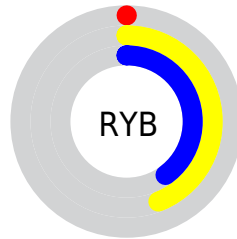
Distribution



Red (4%)

Green (44%)

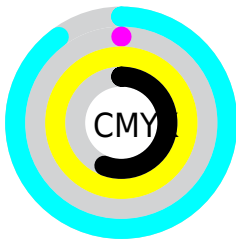
Blue (0%)



Red (0%)

Yellow (44%)

Blue (40%)

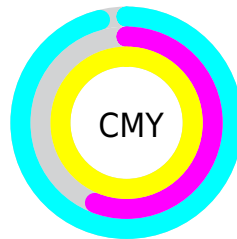


Cyan (90%)

Magenta (0%)

Yellow (100%)

Black (56%)



Cyan (96%)


Magenta (56%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.6595, 0.3038, 0.5970 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 11.6595, 0.3038, 0.5970 by changing the saturation by 10% instead.


 11.6595, 0.3038,
0.5970


 11.6595, 0.3038,
0.5970


 202.1379, 0.3214,
0.4240

 6.5123, 0.2881,
0.6596


 28.8734, 0.3170,
0.5225


 3.1590, 0.2534,
0.7466

 41.7089, 0.3194,
0.4981

 1.2153, 0.0014,
0.9986

 57.8759, 0.3207,
0.4789

 0.0741, 0.0000,
1.0000

 77.7589, 0.3213,
0.4635


 0.0000, 0.0000,
0.0000


 101.7421, 0.3216,
0.4509


 130.2101, 0.3216,

0.4404

 163.5472, 0.3215,
0.4316


 11.6595, 0.3038,
0.5970


 11.6595, 0.3038,
0.5970


 11.6600, 0.3038,
0.5970

 11.7744, 0.3052,
0.5825

 11.9434, 0.3074,
0.5633

 12.1805, 0.3093,
0.5377

 12.4920, 0.3109,
0.5075

 12.8835, 0.3121,
0.4748

■ 13.3598, 0.3128,
0.4418

■ 13.9258, 0.3132,
0.4099

■ 14.5856, 0.3132,
0.3801

■ 15.3433, 0.3131,
0.3531

Harmonies

Analogous

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



11.6595, 0.4224, 0.5519



11.6595, 0.3038, 0.5970



11.6595, 0.1940, 0.4955

Triad

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



11.6595, 0.3038, 0.5970



11.6595, 0.1173, 0.1522



11.6595, 0.5382, 0.2863

Complementary

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



11.6595, 0.3038, 0.5970



3.9298, 0.2971, 0.1411

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.



11.6595, 0.4077, 0.2165



11.6595, 0.3038, 0.5970



11.6595, 0.1674, 0.1439

Square

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



11.6595, 0.3038, 0.5970



11.6595, 0.1030, 0.2012



11.6595, 0.2647, 0.1661



11.6595, 0.5772, 0.3638

Rectangle

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



11.6595, 0.3038, 0.5970



11.6595, 0.1417, 0.3732



11.6595, 0.2647, 0.1661



11.6595, 0.5020, 0.2618

Sweetspot

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



11.6600, 0.3038, 0.5970



24.3808, 0.3131, 0.4123



12.7130, 0.4371, 0.4911



5.7761, 0.3131, 0.4226



58.7016, 0.3127, 0.3290



6.8385, 0.3127, 0.3290

Same Dimension

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



11.6600, 0.3038, 0.5970



20.4547, 0.3029, 0.5977



11.7760, 0.2791, 0.5247



3.7776, 0.3130, 0.3506



13.4743, 0.3035, 0.5972



66.9368, 0.3019, 0.5985

Inverse Universe

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



3.9298, 0.2971, 0.1411



6.8745, 0.2965, 0.1407



3.8523, 0.4469, 0.2235



3.4375, 0.3123, 0.3082



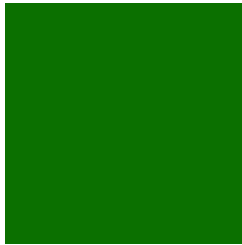
4.5378, 0.2970, 0.1410



22.3937, 0.2956, 0.1402

Previews

White Background



This preview shows how the Yxy color 11.6595, 0.3038, 0.5970 looks on a white 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 × Fail

Black Background



This preview shows how the Yxy color 11.6595, 0.3038, 0.5970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.6595, 0.3038, 0.5970

Background



This preview shows how black text looks on a background with the Yxy color 11.6595, 0.3038, 0.5970.



This preview shows how white text looks on a background with the Yxy color 11.6595, 0.3038, 0.5970.

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

11.6595, 0.3038, 0.5970

Protanopia

11.5539, 0.4392, 0.4895

Deuteranopia

11.5412, 0.4539, 0.4496



Tritanopia

11.7213, 0.2391, 0.3062

Trichromacy



Original Color

11.6595, 0.3038, 0.5970

Protanomaly

10.9192, 0.3725, 0.5424

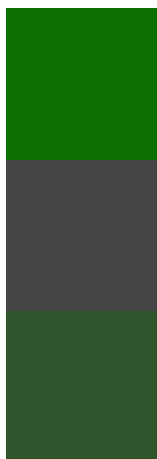
Deuteranomaly

10.6636, 0.3811, 0.5172

Tritanomaly

11.3406, 0.2697, 0.4295

Monochromacy



Original Color

11.6595, 0.3038, 0.5970

Achromatopsia

5.9511, 0.3127, 0.3290

Achromatomaly

7.3072, 0.3122, 0.4636

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.6595, 0.3038, 0.5970 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(11, 112, 0)` looks like.

```
.text, #text, p{  
    color:rgb(11, 112, 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(11, 112, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 112, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.6595, 0.3038, 0.5970 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(11, 112, 0) }
```

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

```
.border{ border-color:rgb(11, 112, 0) }
```

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

Here you see how a box with a 4 pixel rgb(11, 112, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 112, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 112, 0);  
box-shadow:4px 4px 4px 4px rgb(11, 112, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.6595, 0.3038, 0.5970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 112, 0) }
```

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

```
.background{ background-color: rgb(11, 112,  
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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