

Converting Colors

$Yxy(11.1477, 0.3039, 0.5969)$

Have a look what the booklet for
Yxy(11.1477, 0.3039, 0.5969)
contains.

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Color

Yxy(11.2230, 0.3039, 0.5969)

Conversions

Conversions Part 1

Format	Color
Hex	0B6E00
RGB	11, 110, 0
RGB Percent	4%, 43%, 0%
CMY	0.9569, 0.5686, 1.0000
CMYK	0.90, 0.00, 1.00, 0.57
HSL	114°, 100%, 22%
HSV	114°, 100%, 43%
XYZ	5.7140, 11.2230, 1.8652
YIQ	67.8590, -23.6940, -55.1980

Conversions

Conversions Part 2

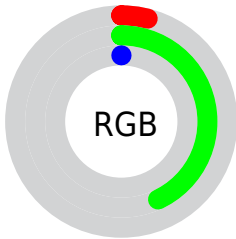
Format	Color
RYB	0, 110, 99
Decimal	749056
CIELab	39.95, -45.31, 44.92
CIELCh	40, 63.798, 135.250
Yxy	11.2230, 0.3039, 0.5969
Android (android.graphics.Color)	4278939136 (0xFF0B6E00)
YUV	67.8590, -33.4545, -49.8653
Hunter-Lab	33.5007, -28.1809, 20.1495

Details

The Yxy color **11.2230, 0.3039, 0.5969** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **3.7791, 0.2970, 0.1410**, and the grayscale version is **5.8149, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.1724, 0.3171, 0.5221**, and **3.3375, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **11.2234, 0.3039, 0.5969**, and if you desaturate by 10%, it is **11.3348, 0.3053, 0.5822**.

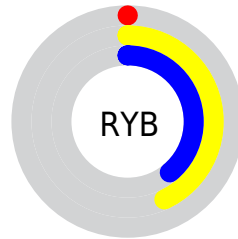
Distribution



Red (4%)

Green (43%)

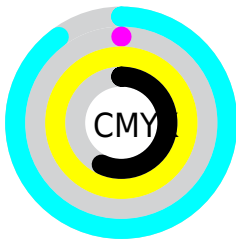
Blue (0%)



Red (0%)

Yellow (43%)

Blue (39%)

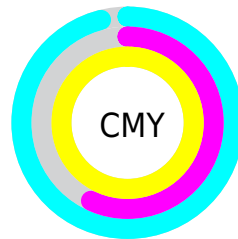


Cyan (90%)

Magenta (0%)

Yellow (100%)

Black (57%)



Cyan (96%)


Magenta (57%)

Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.2230, 0.3039, 0.5969 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 11.2230, 0.3039, 0.5969 by changing the saturation by 10% instead.


 11.2230, 0.3039,
0.5969


 11.2230, 0.3039,
0.5969


 199.1911, 0.3214,
0.4232


 6.2170, 0.2884,
0.6615

 28.0718, 0.3172,
0.5217


 2.9775, 0.2519,
0.7481


 40.6834, 0.3195,
0.4972

 1.1200, 0.0000,
1.0000

 56.5991, 0.3208,
0.4780

 0.0000, 0.0000,
0.0000


 76.2031, 0.3214,
0.4626


 99.8799, 0.3216,
0.4500


 128.0139, 0.3217,

0.4395


 160.9896, 0.3216,
0.4307


 11.2230, 0.3039,
0.5969

 11.2230, 0.3039,
0.5969

 11.2234, 0.3039,
0.5969

 11.3348, 0.3053,
0.5822

 11.4985, 0.3075,
0.5629

 11.7275, 0.3094,
0.5373

 12.0278, 0.3110,
0.5071

 12.4047, 0.3121,
0.4745

■ 12.8630, 0.3128,
0.4415

■ 13.4071, 0.3132,
0.4097

■ 14.0412, 0.3132,
0.3800

■ 14.7689, 0.3131,
0.3530

Harmonies

Analogous

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



11.2230, 0.4227, 0.5521



11.2230, 0.3039, 0.5969



11.2230, 0.1941, 0.4955

Triad

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



11.2230, 0.3039, 0.5969



11.2230, 0.1174, 0.1522



11.2230, 0.5381, 0.2862

Complementary

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



11.2230, 0.3039, 0.5969



3.7791, 0.2970, 0.1410

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.



11.2230, 0.4075, 0.2165



11.2230, 0.3039, 0.5969



11.2230, 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.



11.2230, 0.3039, 0.5969



11.2230, 0.1031, 0.2013



11.2230, 0.2646, 0.1661



11.2230, 0.5771, 0.3638

Rectangle

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



11.2230, 0.3039, 0.5969



11.2230, 0.1418, 0.3733



11.2230, 0.2646, 0.1661



11.2230, 0.5018, 0.2618

Sweetspot

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



11.2235, 0.3039, 0.5969



23.4618, 0.3132, 0.4122



12.2393, 0.4371, 0.4911



5.3872, 0.3131, 0.4220



57.0482, 0.3127, 0.3290



6.3724, 0.3127, 0.3290

Same Dimension

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



11.2235, 0.3039, 0.5969



19.6805, 0.3030, 0.5976



11.3342, 0.2790, 0.5243



3.7777, 0.3130, 0.3506



13.4749, 0.3036, 0.5972



66.9390, 0.3019, 0.5985

Inverse Universe

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



3.7791, 0.2970, 0.1410



6.6073, 0.2964, 0.1406



3.7087, 0.4466, 0.2234



3.4374, 0.3123, 0.3082



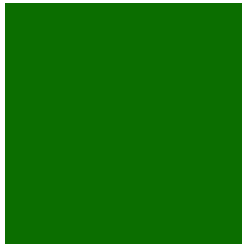
4.5325, 0.2968, 0.1409



22.3660, 0.2954, 0.1401

Previews

White Background



This preview shows how the Yxy color 11.2230, 0.3039, 0.5969 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



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 11.2230, 0.3039, 0.5969

Background



This preview shows how black text looks on a background with the Yxy color 11.2230, 0.3039, 0.5969.



This preview shows how white text looks on a background with the Yxy color 11.2230, 0.3039, 0.5969.

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

11.2230, 0.3039, 0.5969

Protanopia

11.0696, 0.4396, 0.4892

Deuteranopia

11.0623, 0.4542, 0.4482



Tritanopia

11.2548, 0.2390, 0.3059

Trichromacy



Original Color

11.2230, 0.3039, 0.5969

Protanomaly

10.4539, 0.3717, 0.5431

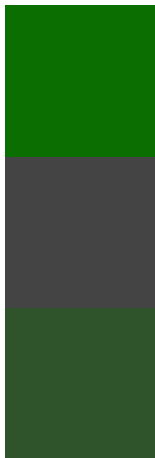
Deuteranomaly

10.2461, 0.3819, 0.5159

Tritanomaly

10.8982, 0.2691, 0.4282

Monochromacy



Original Color

11.2230, 0.3039, 0.5969

Achromatopsia

5.7805, 0.3127, 0.3290

Achromatomaly

6.9653, 0.3124, 0.4628

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2230, 0.3039, 0.5969 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, 110, 0)` looks like.

```
.text, #text, p{  
    color:rgb(11, 110, 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, 110, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 110, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.2230, 0.3039, 0.5969 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, 110, 0) }
```

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

```
.border{ border-color:rgb(11, 110, 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, 110, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 110, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 110, 0);  
box-shadow:4px 4px 4px 4px rgb(11, 110, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.2230, 0.3039, 0.5969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 110, 0) }
```

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

```
.background{ background-color: rgb(11, 110,  
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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