

Converting Colors

$Y_{xy}(10.9162, 0.2675, 0.6066)$

Have a look what the booklet for
Yxy(10.9162, 0.2675, 0.6066)
contains.

Yxy(11.4006, 0.2959, 0.5854)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(11.4006, 0.2959, 0.5854)

Conversions

Conversions Part 1

Format	Color
Hex	006F0E
RGB	0, 111, 14
RGB Percent	0%, 44%, 5%
CMY	1.0000, 0.5647, 0.9451
CMYK	1.00, 0.00, 0.87, 0.56
HSL	128°, 100%, 22%
HSV	128°, 100%, 44%
XYZ	5.7626, 11.4006, 2.3117
YIQ	66.7530, -35.0190, -53.6990

Conversions

Conversions Part 2

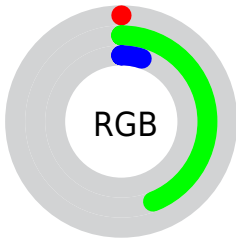
Format	Color
RYB	0, 99, 111
Decimal	28430
CIELab	40.25, -46.02, 41.60
CIELCh	40, 62.034, 137.889
Yxy	11.4006, 0.2959, 0.5854
Android (android.graphics.Color)	4278218510 (0xFF006F0E)
YUV	66.7530, -26.0072, -58.5424
Hunter-Lab	33.7648, -28.6238, 19.5761

Details

The Yxy color **11.4006, 0.2959, 0.5854** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **4.2433, 0.3538, 0.1723**, and the grayscale version is **5.6182, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.4520, 0.3095, 0.5123**, and **3.3375, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **11.4018, 0.2959, 0.5854**, and if you desaturate by 10%, it is **11.5066, 0.2957, 0.5684**.

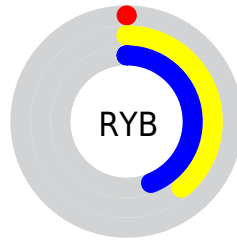
Distribution



Red (0%)

Green (44%)

Blue (5%)



Red (0%)

Yellow (39%)

Blue (44%)

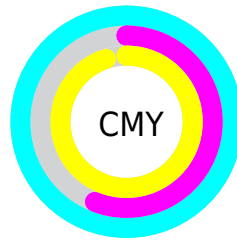


Cyan (100%)

Magenta (0%)

Yellow (87%)

Black (56%)



Cyan (100%)


Magenta (56%)

Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.4006, 0.2959, 0.5854 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 11.4006, 0.2959, 0.5854 by changing the saturation by 10% instead.


 11.4006, 0.2959,
0.5854


 11.4006, 0.2959,
0.5854


200.3957, 0.3166,
0.4182


 6.3370, 0.2792,
0.6456


 28.3986, 0.3096,
0.5122


 3.0510, 0.2502,
0.7498

 41.1018, 0.3125,
0.4887


 1.1584, 0.0000,
1.0000


 57.1202, 0.3142,
0.4704

 0.0274, 0.0000,
1.0000

 76.8383, 0.3152,
0.4557


 0.0000, 0.0000,
0.0000

 100.6406, 0.3159,
0.4437


 128.9113, 0.3163,


0.4338


 162.0348, 0.3165,
0.4254


 11.4006, 0.2959,
0.5854


 11.4006, 0.2959,
0.5854

 11.4018, 0.2959,
0.5854

 11.5066, 0.2957,
0.5684

 11.6550, 0.2952,
0.5461

 11.8735, 0.2957,
0.5193

 12.1697, 0.2969,
0.4897

 12.5499, 0.2989,
0.4590

■ 13.0199, 0.3013,
0.4288

■ 13.5850, 0.3041,
0.4002

■ 14.2500, 0.3070,
0.3738

■ 15.0196, 0.3099,
0.3501

Harmonies

Analogous

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



11.4006, 0.4115, 0.5534



11.4006, 0.2959, 0.5854



11.4006, 0.1901, 0.4745

Triad

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



11.4006, 0.2959, 0.5854



11.4006, 0.1243, 0.1543



11.4006, 0.5387, 0.2948

Complementary

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



11.4006, 0.2959, 0.5854



4.2433, 0.3538, 0.1723

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.



11.4006, 0.4177, 0.2249



11.4006, 0.2959, 0.5854



11.4006, 0.1773, 0.1487

Square

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



11.4006, 0.2959, 0.5854



11.4006, 0.1074, 0.1988



11.4006, 0.2771, 0.1731



11.4006, 0.5690, 0.3722

Rectangle

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



11.4006, 0.2959, 0.5854



11.4006, 0.1414, 0.3575



11.4006, 0.2771, 0.1731



11.4006, 0.5061, 0.2704

Sweetspot

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



11.4018, 0.2959, 0.5854



24.2344, 0.3038, 0.4024



13.9698, 0.3999, 0.5207



5.7393, 0.3029, 0.4116



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.



11.4018, 0.2959, 0.5854



20.4026, 0.2968, 0.5884



11.7930, 0.2593, 0.4536



3.7694, 0.3102, 0.3479



13.4317, 0.2962, 0.5863



66.8356, 0.2978, 0.5920

Inverse Universe

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



4.2433, 0.3538, 0.1723



7.5848, 0.3548, 0.1728



3.5510, 0.5333, 0.2712



3.4466, 0.3154, 0.3108



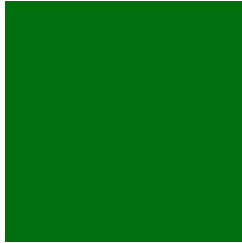
4.9971, 0.3541, 0.1724



24.8051, 0.3562, 0.1736

Previews

White Background



This preview shows how the Yxy color 11.4006, 0.2959, 0.5854 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 11.4006, 0.2959, 0.5854

Background



This preview shows how black text looks on a background with the Yxy color 11.4006, 0.2959, 0.5854.



This preview shows how white text looks on a background with the Yxy color 11.4006, 0.2959, 0.5854.

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

11.4006, 0.2959, 0.5854

Protanopia

11.3277, 0.4358, 0.4840

Deuteranopia

11.3134, 0.4514, 0.4456



Tritanopia

11.4512, 0.2379, 0.3060

Trichromacy



Original Color

11.4006, 0.2959, 0.5854

Protanomaly

10.5582, 0.3618, 0.5386

Deuteranomaly

10.3298, 0.3713, 0.5119

Tritanomaly

11.0911, 0.2612, 0.4159

Monochromacy



Original Color

11.4006, 0.2959, 0.5854

Achromatopsia

5.6128, 0.3127, 0.3290

Achromatomaly

6.9135, 0.2997, 0.4482

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.4006, 0.2959, 0.5854 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(0, 111, 14)` looks like.

```
.text, #text, p{  
    color:rgb(0, 111, 14)  
}
```

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(0, 111, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 111, 14) }
```

Border

The CSS property to change the border of an element to Yxy 11.4006, 0.2959, 0.5854 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(0, 111, 14) }
```

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

```
.border{ border-color:rgb(0, 111, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 111, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 111, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 111, 14);  
box-shadow:4px 4px 4px 4px rgb(0, 111, 14)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.4006, 0.2959, 0.5854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 111, 14) }
```

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

```
.background{ background-color: rgb(0, 111,  
14) }
```

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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