

Converting Colors

$Y_{xy}(11.3023, 0.2955, 0.5838)$

Have a look what the booklet for
Yxy(11.3023, 0.2955, 0.5838)
contains.

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Color

Yxy(11.4034, 0.2956, 0.5841)

Conversions

Conversions Part 1

Format	Color
Hex	006F0F
RGB	0, 111, 15
RGB Percent	0%, 44%, 6%
CMY	0.9998, 0.5647, 0.9412
CMYK	1.00, 0.00, 0.86, 0.56
HSL	128°, 100%, 22%
HSV	128°, 100%, 44%
XYZ	5.7710, 11.4034, 2.3486
YIQ	66.8670, -35.3400, -53.3880

Conversions

Conversions Part 2

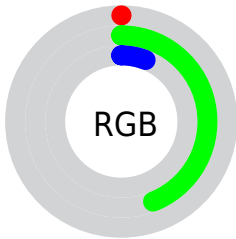
Format	Color
RYB	0, 98, 111
Decimal	28431
CIELab	40.25, -45.94, 41.31
CIELCh	40, 61.786, 138.038
Yxy	11.4034, 0.2956, 0.5841
Android (android.graphics.Color)	4278218511 (0xFF006F0F)
YUV	66.8670, -25.5704, -58.6424
Hunter-Lab	33.7689, -28.5905, 19.5146

Details

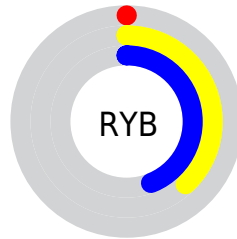
The Yxy color **11.4034, 0.2956, 0.5841** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **4.2257, 0.3563, 0.1737**, and the grayscale version is **5.6382, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.4641, 0.3089, 0.5107**, and **3.3375, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **11.4035, 0.2956, 0.5841**, and if you desaturate by 10%, it is **11.5097, 0.2952, 0.5667**.

Distribution



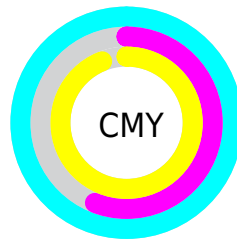
- Red (0%)
- Green (44%)
- Blue (6%)



- Red (0%)
- Yellow (38%)
- Blue (44%)



- Cyan (100%)
- Magenta (0%)
- Yellow (86%)
- Black (56%)




- Cyan (100%)
- Magenta (56%)
- Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.4034, 0.2956, 0.5841 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 11.4034, 0.2956, 0.5841 by changing the saturation by 10% instead.


 11.4034, 0.2956,
0.5841


 11.4034, 0.2956,
0.5841


200.4146, 0.3164,
0.4177


 6.3389, 0.2790,
0.6440


 28.4037, 0.3093,
0.5112


 3.0522, 0.2506,
0.7494

 41.1083, 0.3121,
0.4878


 1.1590, 0.0000,
1.0000

 57.1284, 0.3138,
0.4696

 0.0279, 0.0000,
1.0000


 76.8483, 0.3149,
0.4550


 0.0000, 0.0000,
0.0000

 100.6525, 0.3156,
0.4431


 128.9254, 0.3160,

0.4332


 162.0513, 0.3162,
0.4248


 11.4034, 0.2956,
0.5841


 11.4034, 0.2956,
0.5841


 11.4035, 0.2956,
0.5841

 11.5097, 0.2952,
0.5667

 11.6591, 0.2947,
0.5444

 11.8785, 0.2951,
0.5175

 12.1753, 0.2964,
0.4880

 12.5558, 0.2984,
0.4576

■ 13.0258, 0.3009,
0.4276

■ 13.5905, 0.3037,
0.3993

■ 14.2548, 0.3067,
0.3733

■ 15.0231, 0.3098,
0.3498

Harmonies

Analogous

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



11.4034, 0.4108, 0.5531



11.4034, 0.2956, 0.5841



11.4034, 0.1902, 0.4730

Triad

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



11.4034, 0.2956, 0.5841



11.4034, 0.1249, 0.1547



11.4034, 0.5383, 0.2954

Complementary

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



11.4034, 0.2956, 0.5841



4.2257, 0.3563, 0.1737

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.



11.4034, 0.4181, 0.2256



11.4034, 0.2956, 0.5841



11.4034, 0.1781, 0.1492

Square

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



11.4034, 0.2956, 0.5841



11.4034, 0.1079, 0.1989



11.4034, 0.2779, 0.1737



11.4034, 0.5680, 0.3728

Rectangle

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



11.4034, 0.2956, 0.5841



11.4034, 0.1417, 0.3567



11.4034, 0.2779, 0.1737



11.4034, 0.5059, 0.2710

Sweetspot

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



11.4039, 0.2956, 0.5841



24.2425, 0.3035, 0.4017



13.8672, 0.3971, 0.5229



5.7413, 0.3025, 0.4108



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.



11.4039, 0.2956, 0.5841



20.4070, 0.2965, 0.5873



11.8156, 0.2577, 0.4478



3.7699, 0.3100, 0.3477



13.4348, 0.2959, 0.5852



66.8476, 0.2975, 0.5911

Inverse Universe

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



4.2257, 0.3563, 0.1737



7.5516, 0.3574, 0.1743



3.5386, 0.5397, 0.2747



3.4461, 0.3155, 0.3110



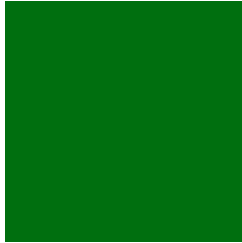
4.9756, 0.3567, 0.1738



24.6931, 0.3589, 0.1751

Previews

White Background



This preview shows how the Yxy color 11.4034, 0.2956, 0.5841 looks on a white background.

Color Contrast Check

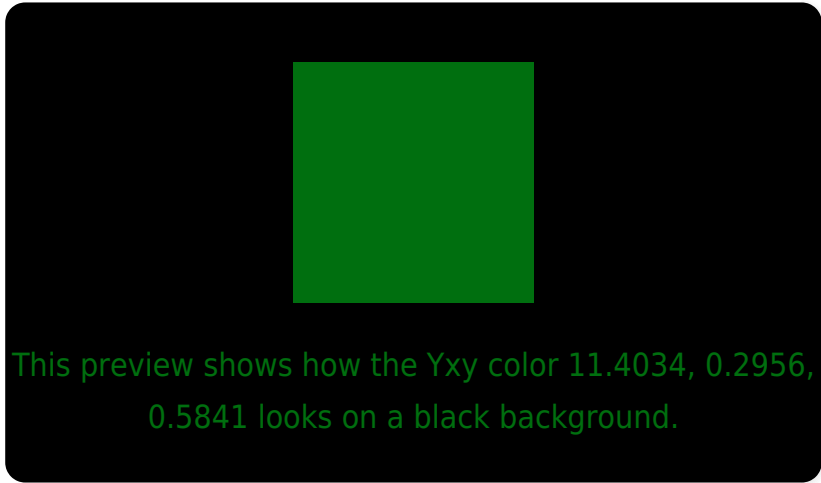
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.4034, 0.2956, 0.5841

Background



This preview shows how black text looks on a background with the Yxy color 11.4034, 0.2956, 0.5841.



This preview shows how white text looks on a background with the Yxy color 11.4034, 0.2956, 0.5841.

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

11.4034, 0.2956, 0.5841

Protanopia

11.3321, 0.4349, 0.4827

Deuteranopia

11.3181, 0.4505, 0.4444



Tritanopia

11.4512, 0.2379, 0.3060

Trichromacy



Original Color

11.4034, 0.2956, 0.5841

Protanomaly

10.5628, 0.3610, 0.5368

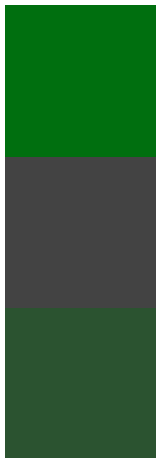
Deuteranomaly

10.3337, 0.3706, 0.5104

Tritanomaly

11.1051, 0.2602, 0.4128

Monochromacy



Original Color

11.4034, 0.2956, 0.5841

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 11.4034, 0.2956, 0.5841 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, 15)` looks like.

```
.text, #text, p{  
    color:rgb(0, 111, 15)  
}
```

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, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 111, 15) }
```

Border

The CSS property to change the border of an element to Yxy 11.4034, 0.2956, 0.5841 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, 15) }
```

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

```
.border{ border-color:rgb(0, 111, 15) }
```

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, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 111, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 111, 15);  
box-shadow:4px 4px 4px 4px rgb(0, 111, 15)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.4034, 0.2956, 0.5841 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, 15) }
```

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

```
.background{ background-color: rgb(0, 111,  
15) }
```

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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