

Converting Colors

$Y_{xy}(11.5091, 0.2636, 0.4690)$

Have a look what the booklet for
Yxy(11.5091, 0.2636, 0.4690)
contains.

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Color

Yxy(11.5107, 0.2635, 0.4685)

Conversions

Conversions Part 1

Format	Color
Hex	006E3F
RGB	0, 110, 63
RGB Percent	0%, 43%, 25%
CMY	0.9997, 0.5686, 0.7529
CMYK	1.00, 0.00, 0.43, 0.57
HSL	154°, 100%, 22%
HSV	154°, 100%, 43%
XYZ	6.4740, 11.5107, 6.5846
YIQ	71.7520, -50.4730, -37.9370

Conversions

Conversions Part 2

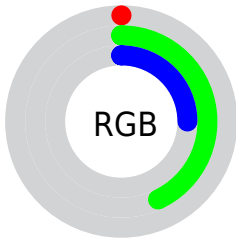
Format	Color
RYB	0, 70, 110
Decimal	28223
CIELab	40.43, -39.03, 18.79
CIELCh	40, 43.312, 154.295
Yxy	11.5107, 0.2635, 0.4685
Android (android.graphics.Color)	4278218303 (0xFF006E3F)
YUV	71.7520, -4.3147, -62.9265
Hunter-Lab	33.9274, -25.3118, 12.2423

Details

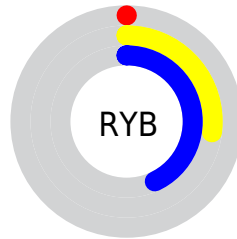
The Yxy color **11.5107, 0.2635, 0.4685** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **3.5224, 0.5153, 0.2613**, and the grayscale version is **6.4539, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.7586, 0.2790, 0.4287**, and **3.3845, 0.2815, 0.5333** is the 20% darker color. If you saturate the color by 10%, you get **11.5103, 0.2635, 0.4686**, and if you desaturate by 10%, it is **11.6372, 0.2626, 0.4528**.

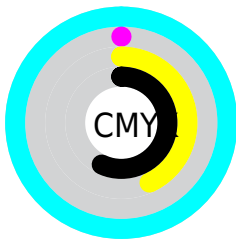
Distribution



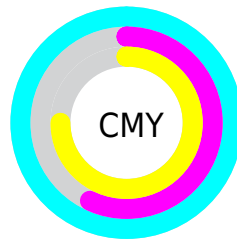
- Red (0%)
- Green (43%)
- Blue (25%)



- Red (0%)
- Yellow (27%)
- Blue (43%)



- Cyan (100%)
- Magenta (0%)
- Yellow (43%)
- Black (57%)





- Cyan (100%)
- Magenta (57%)
- Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.5107, 0.2635, 0.4685 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 11.5107, 0.2635, 0.4685 by changing the saturation by 10% instead.


 11.5107, 0.2635,
0.4685


 11.5107, 0.2635,
0.4685


 201.1385, 0.2964,
0.3776

 6.4114, 0.2499,
0.5041


 28.6007, 0.2786,
0.4278


 3.0968, 0.2268,
0.5624

 41.3603, 0.2831,
0.4152


 1.1825, 0.1089,
0.8911

 57.4421, 0.2866,
0.4054

 0.0473, 0.0000,
1.0000

 77.2306, 0.2894,
0.3975


 0.0000, 0.0000,
0.0000


 101.1101, 0.2916,
0.3912


 129.4649, 0.2935,

0.3859


 162.6796, 0.2950,
0.3814


 11.5107, 0.2635,
0.4685

 11.5107, 0.2635,
0.4685


 11.5103, 0.2635,
0.4686

 11.6372, 0.2626,
0.4528

 11.7964, 0.2627,
0.4370

 12.0137, 0.2646,
0.4211

 12.2953, 0.2683,
0.4055

 12.6464, 0.2734,
0.3904

■ 13.0718, 0.2798,
0.3761

■ 13.5758, 0.2872,
0.3627

■ 14.1624, 0.2953,
0.3504

■ 14.8353, 0.3039,
0.3391

Harmonies

Analogous

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



11.5107, 0.3518, 0.5083



11.5107, 0.2635, 0.4685



11.5107, 0.1937, 0.3663

Triad

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



11.5107, 0.2635, 0.4685



11.5107, 0.1878, 0.1899



11.5107, 0.4960, 0.3457

Complementary

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



11.5107, 0.2635, 0.4685



3.5224, 0.5153, 0.2613

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.



11.5107, 0.4390, 0.2828



11.5107, 0.2635, 0.4685



11.5107, 0.2506, 0.1979

Square

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



11.5107, 0.2635, 0.4685



11.5107, 0.1575, 0.2109



11.5107, 0.3427, 0.2307



11.5107, 0.4906, 0.4129

Rectangle

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



11.5107, 0.2635, 0.4685



11.5107, 0.1662, 0.2974



11.5107, 0.3427, 0.2307



11.5107, 0.4836, 0.3241

Sweetspot

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



11.5112, 0.2635, 0.4685



23.7596, 0.2866, 0.3638



11.7732, 0.3313, 0.5751



5.4620, 0.2842, 0.3679



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.



11.5112, 0.2635, 0.4685



20.1904, 0.2646, 0.4725



10.7614, 0.2192, 0.3091



3.7922, 0.3047, 0.3381



13.8218, 0.2639, 0.4700



68.6773, 0.2662, 0.4783

Inverse Universe

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



3.5224, 0.5153, 0.2613



6.1592, 0.5216, 0.2647



3.4759, 0.6311, 0.3369



3.4230, 0.3215, 0.3200



4.2234, 0.5177, 0.2625



20.8730, 0.5308, 0.2698

Previews

White Background



This preview shows how the Yxy color 11.5107, 0.2635, 0.4685 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 11.5107, 0.2635, 0.4685 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 11.5107, 0.2635, 0.4685

Background



This preview shows how black text looks on a background with the Yxy color 11.5107, 0.2635, 0.4685.



This preview shows how white text looks on a background with the Yxy color 11.5107, 0.2635, 0.4685.

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

11.5107, 0.2635, 0.4685

Protanopia

11.4229, 0.3835, 0.4156

Deuteranopia

11.3981, 0.3872, 0.3817



Tritanopia

11.5643, 0.2340, 0.3059

Trichromacy



Original Color

11.5107, 0.2635, 0.4685

Protanomaly

10.5884, 0.3169, 0.4419

Deuteranomaly

10.5064, 0.3173, 0.4154

Tritanomaly

11.3539, 0.2418, 0.3591

Monochromacy



Original Color

11.5107, 0.2635, 0.4685

Achromatopsia

6.4803, 0.3127, 0.3290

Achromatomaly

7.6661, 0.2763, 0.3830

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.5107, 0.2635, 0.4685 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, 110, 63)` looks like.

```
.text, #text, p{  
    color:rgb(0, 110, 63)  
}
```

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, 110, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 110, 63) }
```

Border

The CSS property to change the border of an element to Yxy 11.5107, 0.2635, 0.4685 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, 110, 63) }
```

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

```
.border{ border-color:rgb(0, 110, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 110, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 110, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 110, 63);  
box-shadow:4px 4px 4px 4px rgb(0, 110, 63)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.5107, 0.2635, 0.4685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 110, 63) }
```

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

```
.background{ background-color: rgb(0, 110,  
63) }
```

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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