

Converting Colors

$Y_{xy}(9.4015, 0.1729, 0.6021)$

Have a look what the booklet for
Yxy(9.4015, 0.1729, 0.6021)
contains.

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Color

Yxy(11.0772, 0.2830, 0.5388)

Conversions

Conversions Part 1

Format	Color
Hex	006D26
RGB	0, 109, 38
RGB Percent	0%, 43%, 15%
CMY	1.0000, 0.5725, 0.8510
CMYK	1.00, 0.00, 0.65, 0.57
HSL	141°, 100%, 21%
HSV	141°, 100%, 43%
XYZ	5.8182, 11.0772, 3.6636
YIQ	68.3150, -42.1730, -45.1890

Conversions

Conversions Part 2

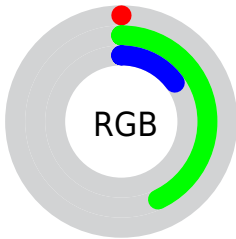
Format	Color
RYB	0, 81, 109
Decimal	27942
CIELab	39.71, -43.08, 31.48
CIELCh	40, 53.355, 143.836
Yxy	11.0772, 0.2830, 0.5388
Android (android.graphics.Color)	4278218022 (0xFF006D26)
YUV	68.3150, -14.9453, -59.9123
Hunter-Lab	33.2824, -27.0401, 16.7713

Details

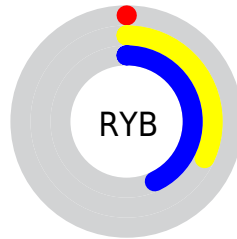
The Yxy color **11.0772, 0.2830, 0.5388** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **3.7066, 0.4269, 0.2125**, and the grayscale version is **5.8637, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.9290, 0.2963, 0.4770**, and **3.2317, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **11.0777, 0.2830, 0.5388**, and if you desaturate by 10%, it is **11.1984, 0.2814, 0.5182**.

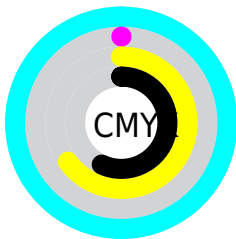
Distribution



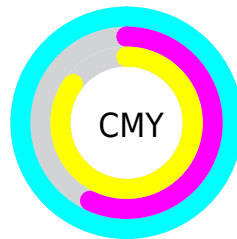
- Red (0%)
- Green (43%)
- Blue (15%)



- Red (0%)
- Yellow (32%)
- Blue (43%)



- Cyan (100%)
- Magenta (0%)
- Yellow (65%)
- Black (57%)




- Cyan (100%)
- Magenta (57%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0772, 0.2830, 0.5388 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 11.0772, 0.2830, 0.5388 by changing the saturation by 10% instead.


 11.0772, 0.2830,
0.5388


 11.0772, 0.2830,
0.5388


198.1964, 0.3076,
0.4005


 6.1188, 0.2684,
0.5920

 27.8028, 0.2964,
0.4768


 2.9174, 0.2509,
0.7068


 40.3388, 0.2998,
0.4575

 1.0888, 0.0000,
1.0000

 56.1695, 0.3021,
0.4425

 0.0000, 0.0000,
0.0000

 75.6792, 0.3039,
0.4307

 99.2524, 0.3052,
0.4210

 127.2734, 0.3062,


0.4130


 160.1266, 0.3070,
0.4063


 11.0772, 0.2830,
0.5388


 11.0772, 0.2830,
0.5388

 11.0777, 0.2830,
0.5388

 11.1984, 0.2814,
0.5182

 11.3558, 0.2803,
0.4959

 11.5750, 0.2809,
0.4723

 11.8625, 0.2829,
0.4484

 12.2237, 0.2862,
0.4248

■ 12.6634, 0.2906,
0.4023

■ 13.1863, 0.2956,
0.3813

■ 13.7964, 0.3011,
0.3620

■ 14.4975, 0.3069,
0.3446

Harmonies

Analogous

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



11.0772, 0.3882, 0.5416



11.0772, 0.2830, 0.5388



11.0772, 0.1909, 0.4247

Triad

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



11.0772, 0.2830, 0.5388



11.0772, 0.1484, 0.1679



11.0772, 0.5234, 0.3161

Complementary

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



11.0772, 0.2830, 0.5388



3.7066, 0.4269, 0.2125

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.



11.0772, 0.4297, 0.2484



11.0772, 0.2830, 0.5388



11.0772, 0.2062, 0.1676

Square

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



11.0772, 0.2830, 0.5388



11.0772, 0.1264, 0.2027



11.0772, 0.3052, 0.1958



11.0772, 0.5377, 0.3909

Rectangle

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



11.0772, 0.2830, 0.5388



11.0772, 0.1507, 0.3288



11.0772, 0.3052, 0.1958



11.0772, 0.4997, 0.2926

Sweetspot

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



11.0777, 0.2830, 0.5388



23.5272, 0.2952, 0.3830



12.3414, 0.3643, 0.5489



5.4039, 0.2935, 0.3894



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.



11.0777, 0.2830, 0.5388



19.8132, 0.2843, 0.5436



11.6903, 0.2389, 0.3799



3.4606, 0.3075, 0.3429



12.9518, 0.2834, 0.5402



65.8446, 0.2862, 0.5503

Inverse Universe

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



3.7066, 0.4269, 0.2125



6.6128, 0.4305, 0.2145



3.2956, 0.6060, 0.3112



3.1469, 0.3183, 0.3155



4.3305, 0.4280, 0.2131



21.8970, 0.4357, 0.2174

Previews

White Background



This preview shows how the Yxy color 11.0772, 0.2830, 0.5388 looks on a white background.

Color Contrast Check

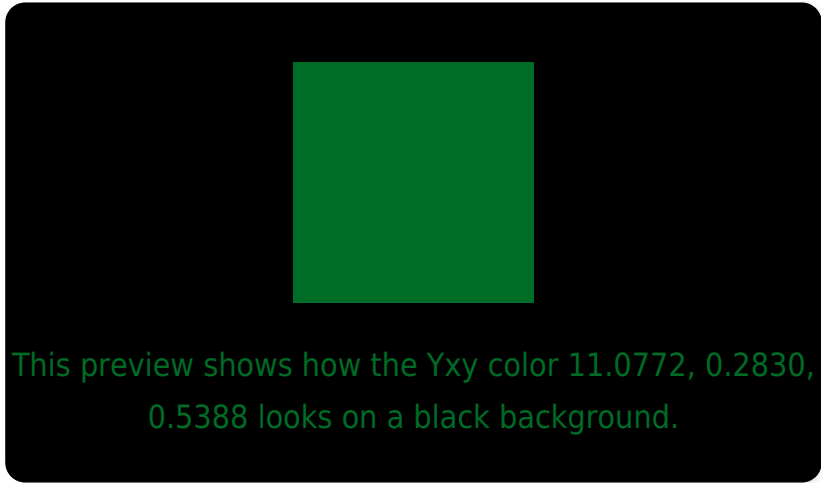
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.0772, 0.2830, 0.5388

Background



This preview shows how black text looks on a background with the Yxy color 11.0772, 0.2830, 0.5388.



This preview shows how white text looks on a background with the Yxy color 11.0772, 0.2830, 0.5388.

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

11.0772, 0.2830, 0.5388

Protanopia

11.0640, 0.4135, 0.4574

Deuteranopia

10.9714, 0.4271, 0.4222



Tritanopia

11.1640, 0.2376, 0.3082

Trichromacy



Original Color

11.0772, 0.2830, 0.5388



Protanomaly

10.2033, 0.3436, 0.5000



Deuteranomaly

9.9494, 0.3496, 0.4733



Tritanomaly

10.9901, 0.2524, 0.3890

Monochromacy



Original Color

11.0772, 0.2830, 0.5388



Achromatopsia

5.7805, 0.3127, 0.3290



Achromatomaly

6.9955, 0.2876, 0.4166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0772, 0.2830, 0.5388 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, 109, 38)` looks like.

```
.text, #text, p{  
    color:rgb(0, 109, 38)  
}
```

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, 109, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 109, 38) }
```

Border

The CSS property to change the border of an element to Yxy 11.0772, 0.2830, 0.5388 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, 109, 38) }
```

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

```
.border{ border-color:rgb(0, 109, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 109, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 109, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 109, 38);  
box-shadow:4px 4px 4px 4px rgb(0, 109, 38)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.0772, 0.2830, 0.5388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 109, 38) }
```

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

```
.background{ background-color: rgb(0, 109,  
38) }
```

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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