

Converting Colors

$Y_{xy}(10.3468, 0.2057, 0.5374)$

Have a look what the booklet for
Yxy(10.3468, 0.2057, 0.5374)
contains.

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Color

$Y_{xy}(11.6079, 0.2739, 0.5062)$

Conversions

Conversions Part 1

Format	Color
Hex	006F33
RGB	0, 111, 51
RGB Percent	0%, 44%, 20%
CMY	1.0000, 0.5647, 0.8000
CMYK	1.00, 0.00, 0.54, 0.56
HSL	148°, 100%, 22%
HSV	148°, 100%, 44%
XYZ	6.2809, 11.6079, 5.0426
YIQ	70.9710, -46.8960, -42.1920

Conversions

Conversions Part 2

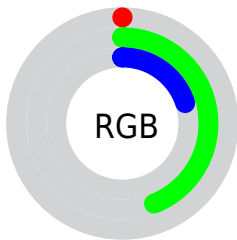
Format	Color
RYB	0, 76, 111
Decimal	28467
CIELab	40.59, -41.76, 25.74
CIELCh	41, 49.055, 148.351
Yxy	11.6079, 0.2739, 0.5062
Android (android.graphics.Color)	4278218547 (0xFF006F33)
YUV	70.9710, -9.8457, -62.2416
Hunter-Lab	34.0704, -26.7164, 15.0740

Details

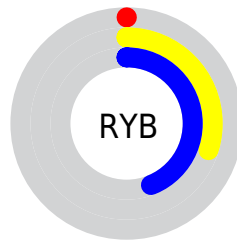
The Yxy color **11.6079, 0.2739, 0.5062** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **3.7060, 0.4702, 0.2364**, and the grayscale version is **6.3196, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.8682, 0.2875, 0.4542**, and **3.4562, 0.2954, 0.5834** is the 20% darker color. If you saturate the color by 10%, you get **11.6092, 0.2739, 0.5062**, and if you desaturate by 10%, it is **11.7374, 0.2724, 0.4872**.

Distribution



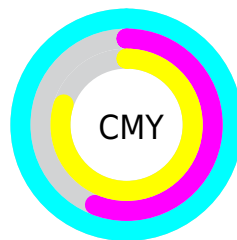
- Red (0%)
- Green (44%)
- Blue (20%)



- Red (0%)
- Yellow (30%)
- Blue (44%)



- Cyan (100%)
- Magenta (0%)
- Yellow (54%)
- Black (56%)




- Cyan (100%)
- Magenta (56%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.6079, 0.2739, 0.5062 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 11.6079, 0.2739, 0.5062 by changing the saturation by 10% instead.


 11.6079, 0.2739,
0.5062


 11.6079, 0.2739,
0.5062


201.7919, 0.3021,
0.3902


 6.4773, 0.2603,
0.5513


 28.7789, 0.2877,
0.4542


 3.1374, 0.2368,
0.6269

 41.5881, 0.2916,
0.4380

 1.2039, 0.0728,
0.9272

 57.7257, 0.2945,
0.4255

 0.0649, 0.0000,
1.0000


 77.5759, 0.2967,
0.4155


 0.0000, 0.0000,
0.0000

 101.5233, 0.2985,
0.4074


 129.9521, 0.2999,

0.4007


 163.2469, 0.3011,
0.3950

 11.6079, 0.2739,
0.5062

 11.6079, 0.2739,
0.5062

 11.6092, 0.2739,
0.5062

 11.7374, 0.2724,
0.4872

 11.9020, 0.2718,
0.4675

 12.1282, 0.2729,
0.4474

 12.4226, 0.2756,
0.4274

 12.7908, 0.2798,
0.4079

■ 13.2377, 0.2851,
0.3894

■ 13.7678, 0.2914,
0.3722

■ 14.3853, 0.2982,
0.3563

■ 15.0941, 0.3054,
0.3419

Harmonies

Analogous

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



11.6079, 0.3717, 0.5285



11.6079, 0.2739, 0.5062



11.6079, 0.1918, 0.3957

Triad

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



11.6079, 0.2739, 0.5062



11.6079, 0.1660, 0.1777



11.6079, 0.5115, 0.3300

Complementary

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



11.6079, 0.2739, 0.5062



3.7060, 0.4702, 0.2364

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.



11.6079, 0.4352, 0.2643



11.6079, 0.2739, 0.5062



11.6079, 0.2265, 0.1812

Square

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



11.6079, 0.2739, 0.5062



11.6079, 0.1402, 0.2061



11.6079, 0.3232, 0.2116



11.6079, 0.5162, 0.4019

Rectangle

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



11.6079, 0.2739, 0.5062



11.6079, 0.1575, 0.3129



11.6079, 0.3232, 0.2116



11.6079, 0.4932, 0.3073

Sweetspot

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



11.6092, 0.2739, 0.5062



24.5676, 0.2908, 0.3735



12.3639, 0.3466, 0.5630



5.8247, 0.2887, 0.3790



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.



11.6092, 0.2739, 0.5062



20.7607, 0.2752, 0.5108



12.3994, 0.2287, 0.3434



3.7864, 0.3061, 0.3406



13.6735, 0.2743, 0.5076



67.9431, 0.2770, 0.5173

Inverse Universe

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



3.7060, 0.4702, 0.2364



6.6097, 0.4752, 0.2391



3.3920, 0.6306, 0.3247



3.4288, 0.3199, 0.3177



4.3614, 0.4717, 0.2372



21.5502, 0.4823, 0.2431

Previews

White Background



This preview shows how the Yxy color 11.6079, 0.2739, 0.5062 looks on a white background.

Color Contrast Check

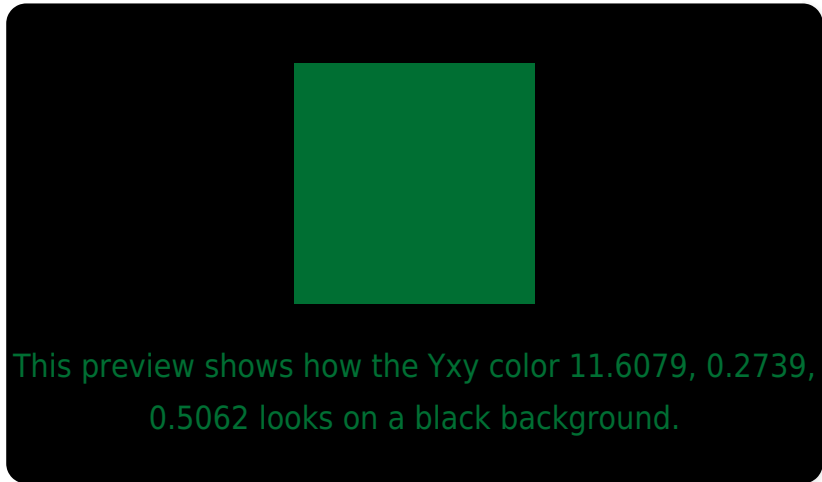
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.6079, 0.2739, 0.5062

Background



This preview shows how black text looks on a background with the Yxy color 11.6079, 0.2739, 0.5062.



This preview shows how white text looks on a background with the Yxy color 11.6079, 0.2739, 0.5062.

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

11.6079, 0.2739, 0.5062

Protanopia

11.6272, 0.4005, 0.4385

Deuteranopia

11.4807, 0.4093, 0.4031



Tritanopia

11.6065, 0.2354, 0.3060

Trichromacy



Original Color

11.6079, 0.2739, 0.5062



Protanomaly

10.7141, 0.3307, 0.4723



Deuteranomaly

10.4576, 0.3357, 0.4467



Tritanomaly

11.4866, 0.2474, 0.3762

Monochromacy



Original Color

11.6079, 0.2739, 0.5062



Achromatopsia

6.3010, 0.3127, 0.3290



Achromatomaly

7.5836, 0.2815, 0.4001

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.6079, 0.2739, 0.5062 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, 51)` looks like.

```
.text, #text, p{  
    color:rgb(0, 111, 51)  
}
```

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, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 111, 51) }
```

Border

The CSS property to change the border of an element to Yxy 11.6079, 0.2739, 0.5062 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, 51) }
```

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

```
.border{ border-color:rgb(0, 111, 51) }
```

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, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 111, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 111, 51);  
box-shadow:4px 4px 4px 4px rgb(0, 111, 51)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.6079, 0.2739, 0.5062 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, 51) }
```

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

```
.background{ background-color: rgb(0, 111,  
51) }
```

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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