

Converting Colors

$Y_{xy}(11.1485, 0.2761, 0.5140)$

Have a look what the booklet for
Yxy(11.1485, 0.2761, 0.5140)
contains.

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Color

Yxy(11.1425, 0.2763, 0.5147)

Conversions

Conversions Part 1

Format	Color
Hex	006D2F
RGB	0, 109, 47
RGB Percent	0%, 43%, 18%
CMY	1.0000, 0.5725, 0.8157
CMYK	1.00, 0.00, 0.57, 0.57
HSL	146°, 100%, 21%
HSV	146°, 100%, 43%
XYZ	5.9815, 11.1425, 4.5245
YIQ	69.3410, -45.0620, -42.3900

Conversions

Conversions Part 2

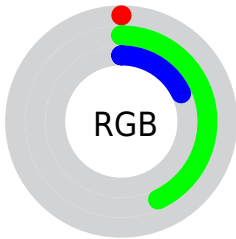
Format	Color
RYB	0, 76, 109
Decimal	27951
CIELab	39.82, -41.72, 26.97
CIELCh	40, 49.677, 147.122
Yxy	11.1425, 0.2763, 0.5147
Android (android.graphics.Color)	4278218031 (0xFF006D2F)
YUV	69.3410, -11.0141, -60.8121
Hunter-Lab	33.3804, -26.4299, 15.3298

Details

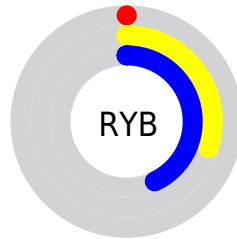
The Yxy color **11.1425, 0.2763, 0.5147** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **3.5992, 0.4586, 0.2300**, and the grayscale version is **6.0343, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.0834, 0.2901, 0.4594**, and **3.2317, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **11.1431, 0.2763, 0.5147**, and if you desaturate by 10%, it is **11.2672, 0.2748, 0.4951**.

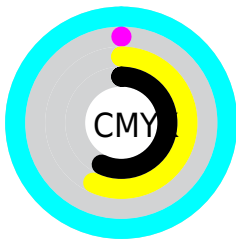
Distribution



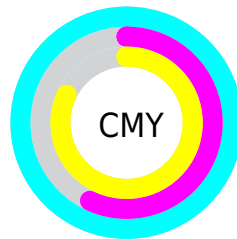
- Red (0%)
- Green (43%)
- Blue (18%)



- Red (0%)
- Yellow (30%)
- Blue (43%)



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




- Cyan (100%)
- Magenta (57%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.1425, 0.2763, 0.5147 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 11.1425, 0.2763, 0.5147 by changing the saturation by 10% instead.


 11.1425, 0.2763,
0.5147


 11.1425, 0.2763,
0.5147


198.6426, 0.3035,
0.3924


 6.1628, 0.2624,
0.5626

 27.9234, 0.2900,
0.4597


 2.9443, 0.2398,
0.6491


 40.4933, 0.2938,
0.4426

 1.1027, 0.0132,
0.9868

 56.3621, 0.2966,
0.4295


 0.0000, 0.0000,
0.0000

 75.9141, 0.2987,
0.4190


 99.5338, 0.3003,
0.4105


 127.6055, 0.3016,

0.4034

 160.5136, 0.3027,
0.3975


 11.1425, 0.2763,
0.5147


 11.1425, 0.2763,
0.5147


 11.1431, 0.2763,
0.5147

 11.2672, 0.2748,
0.4951

 11.4261, 0.2740,
0.4747

 11.6449, 0.2749,
0.4536

 11.9298, 0.2775,
0.4326

 12.2861, 0.2815,
0.4121

■ 12.7187, 0.2866,
0.3926

■ 13.2318, 0.2925,
0.3744

■ 13.8295, 0.2990,
0.3577

■ 14.5155, 0.3058,
0.3426

Harmonies

Analogous

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



11.1425, 0.3761, 0.5323



11.1425, 0.2763, 0.5147



11.1425, 0.1916, 0.4029

Triad

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



11.1425, 0.2763, 0.5147



11.1425, 0.1613, 0.1751



11.1425, 0.5147, 0.3264

Complementary

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



11.1425, 0.2763, 0.5147



3.5992, 0.4586, 0.2300

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.



11.1425, 0.4340, 0.2602



11.1425, 0.2763, 0.5147



11.1425, 0.2211, 0.1776

Square

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



11.1425, 0.2763, 0.5147



11.1425, 0.1365, 0.2052



11.1425, 0.3186, 0.2075



11.1425, 0.5218, 0.3992

Rectangle

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



11.1425, 0.2763, 0.5147



11.1425, 0.1557, 0.3169



11.1425, 0.3186, 0.2075



11.1425, 0.4951, 0.3034

Sweetspot

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



11.1431, 0.2763, 0.5147



23.6103, 0.2920, 0.3759



12.0140, 0.3516, 0.5590



5.4245, 0.2901, 0.3814



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.



11.1431, 0.2763, 0.5147



19.9280, 0.2776, 0.5195



11.8564, 0.2315, 0.3535



3.4644, 0.3065, 0.3411



13.0279, 0.2767, 0.5161



66.2152, 0.2795, 0.5262

Inverse Universe

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



3.5992, 0.4586, 0.2300



6.4193, 0.4633, 0.2326



3.2713, 0.6241, 0.3212



3.1429, 0.3195, 0.3172



4.2047, 0.4599, 0.2307



21.2479, 0.4701, 0.2363

Previews

White Background



This preview shows how the Yxy color 11.1425, 0.2763, 0.5147 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 11.1425, 0.2763, 0.5147 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 11.1425, 0.2763, 0.5147

Background



This preview shows how black text looks on a background with the Yxy color 11.1425, 0.2763, 0.5147.



This preview shows how white text looks on a background with the Yxy color 11.1425, 0.2763, 0.5147.

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

11.1425, 0.2763, 0.5147

Protanopia

11.1156, 0.4044, 0.4438

Deuteranopia

10.9701, 0.4141, 0.4081



Tritanopia

11.1640, 0.2359, 0.3057

Trichromacy



Original Color

11.1425, 0.2763, 0.5147



Protanomaly

10.2638, 0.3345, 0.4793



Deuteranomaly

10.0125, 0.3401, 0.4536



Tritanomaly

11.0407, 0.2481, 0.3770

Monochromacy



Original Color

11.1425, 0.2763, 0.5147



Achromatopsia

5.9511, 0.3127, 0.3290



Achromatomaly

7.2130, 0.2837, 0.4051

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1425, 0.2763, 0.5147 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, 47)` looks like.

```
.text, #text, p{  
    color:rgb(0, 109, 47)  
}
```

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, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 109, 47) }
```

Border

The CSS property to change the border of an element to Yxy 11.1425, 0.2763, 0.5147 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, 47) }
```

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

```
.border{ border-color:rgb(0, 109, 47) }
```

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, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 109, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 109, 47);  
box-shadow:4px 4px 4px 4px rgb(0, 109, 47)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.1425, 0.2763, 0.5147 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, 47) }
```

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

```
.background{ background-color: rgb(0, 109,  
47) }
```

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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