

Converting Colors

$Y_{xy}(11.4875, 0.2594, 0.4539)$

Have a look what the booklet for
Yxy(11.4875, 0.2594, 0.4539)
contains.

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Color

Yxy(11.5571, 0.2600, 0.4561)

Conversions

Conversions Part 1

Format	Color
Hex	006E43
RGB	0, 110, 67
RGB Percent	0%, 43%, 26%
CMY	1.0000, 0.5686, 0.7372
CMYK	1.00, 0.00, 0.39, 0.57
HSL	157°, 100%, 22%
HSV	157°, 100%, 43%
XYZ	6.5881, 11.5571, 7.1937
YIQ	72.2080, -51.7570, -36.6930

Conversions

Conversions Part 2

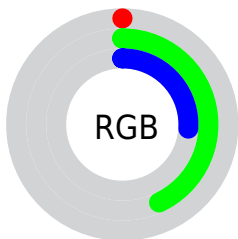
Format	Color
RYB	0, 68, 110
Decimal	28227
CIELab	40.50, -38.16, 16.57
CIELCh	41, 41.601, 156.532
Yxy	11.5571, 0.2600, 0.4561
Android (android.graphics.Color)	4278218307 (0xFF006E43)
YUV	72.2080, -2.5675, -63.3264
Hunter-Lab	33.9957, -24.9005, 11.2508

Details

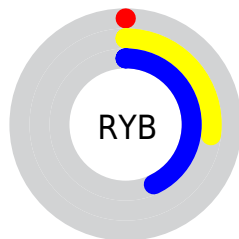
The Yxy color **11.5571, 0.2600, 0.4561** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **3.4898, 0.5301, 0.2694**, and the grayscale version is **6.5298, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.8487, 0.2762, 0.4207**, and **3.3993, 0.2765, 0.5156** is the 20% darker color. If you saturate the color by 10%, you get **11.5582, 0.2600, 0.4561**, and if you desaturate by 10%, it is **11.6829, 0.2594, 0.4417**.

Distribution



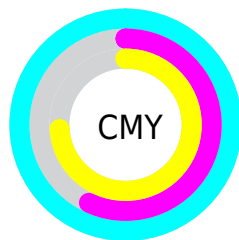
- Red (0%)
- Green (43%)
- Blue (26%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (39%)
- Black (57%)





- Cyan (100%)
- Magenta (57%)
- Yellow (74%)
- Black (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.5571, 0.2600, 0.4561 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 11.5571, 0.2600, 0.4561 by changing the saturation by 10% instead.


 11.5571, 0.2600,
0.4561


 11.5571, 0.2600,
0.4561


201.4507, 0.2945,
0.3736


 6.4429, 0.2463,
0.4882


 28.6858, 0.2755,
0.4193


 3.1162, 0.2235,
0.5410

 41.4691, 0.2803,
0.4078

 1.1927, 0.1178,
0.8091

 57.5776, 0.2841,
0.3989

 0.0557, 0.0000,
1.0000


 77.3955, 0.2870,
0.3918


 0.0000, 0.0000,
0.0000


 101.3075, 0.2894,
0.3860


 129.6977, 0.2914,


0.3811


 162.9506, 0.2931,
0.3771


 11.5571, 0.2600,
0.4561


 11.5571, 0.2600,
0.4561


 11.5582, 0.2600,
0.4561

 11.6829, 0.2594,
0.4417

 11.8398, 0.2598,
0.4273

 12.0540, 0.2620,
0.4129

 12.3317, 0.2659,
0.3987

 12.6781, 0.2713,
0.3850

■ 13.0981, 0.2781,
0.3720

■ 13.5958, 0.2858,
0.3598

■ 14.1753, 0.2943,
0.3486

■ 14.8403, 0.3034,
0.3383

Harmonies

Analogous

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



11.5571, 0.3449, 0.5006



11.5571, 0.2600, 0.4561



11.5571, 0.1943, 0.3572

Triad

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



11.5571, 0.2600, 0.4561



11.5571, 0.1954, 0.1941



11.5571, 0.4906, 0.3509

Complementary

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



11.5571, 0.2600, 0.4561



3.4898, 0.5301, 0.2694

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.



11.5571, 0.4398, 0.2891



11.5571, 0.2600, 0.4561



11.5571, 0.2589, 0.2037

Square

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



11.5571, 0.2600, 0.4561



11.5571, 0.1636, 0.2126



11.5571, 0.3490, 0.2372



11.5571, 0.4819, 0.4161

Rectangle

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



11.5571, 0.2600, 0.4561



11.5571, 0.1692, 0.2927



11.5571, 0.3490, 0.2372



11.5571, 0.4801, 0.3297

Sweetspot

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



11.5582, 0.2600, 0.4561



23.7997, 0.2852, 0.3608



11.6884, 0.3273, 0.5783



5.4721, 0.2827, 0.3645



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.



11.5582, 0.2600, 0.4561



20.2727, 0.2610, 0.4597



10.0504, 0.2163, 0.2988



3.7942, 0.3043, 0.3373



13.8779, 0.2604, 0.4574



68.9590, 0.2625, 0.4651

Inverse Universe

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



3.4898, 0.5301, 0.2694



6.1056, 0.5365, 0.2729



3.5547, 0.6271, 0.3403



3.4211, 0.3220, 0.3208



4.1864, 0.5324, 0.2706



20.6952, 0.5460, 0.2781

Previews

White Background



This preview shows how the Yxy color 11.5571, 0.2600, 0.4561 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 11.5571, 0.2600, 0.4561 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 11.5571, 0.2600, 0.4561

Background



This preview shows how black text looks on a background with the Yxy color 11.5571, 0.2600, 0.4561.



This preview shows how white text looks on a background with the Yxy color 11.5571, 0.2600, 0.4561.

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

11.5571, 0.2600, 0.4561

Protanopia

11.4644, 0.3778, 0.4069

Deuteranopia

11.3818, 0.3791, 0.3733



Tritanopia

11.7465, 0.2339, 0.3085

Trichromacy



Original Color

11.5571, 0.2600, 0.4561

Protanomaly

10.6315, 0.3120, 0.4307

Deuteranomaly

10.5172, 0.3106, 0.4047

Tritanomaly

11.5666, 0.2411, 0.3589

Monochromacy



Original Color

11.5571, 0.2600, 0.4561

Achromatopsia

6.4803, 0.3127, 0.3290

Achromatomaly

7.6786, 0.2749, 0.3797

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.5571, 0.2600, 0.4561 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, 67)` looks like.

```
.text, #text, p{  
    color:rgb(0, 110, 67)  
}
```

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, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 110, 67) }
```

Border

The CSS property to change the border of an element to Yxy 11.5571, 0.2600, 0.4561 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, 67) }
```

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

```
.border{ border-color:rgb(0, 110, 67) }
```

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, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 110, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 110, 67);  
box-shadow:4px 4px 4px 4px rgb(0, 110, 67)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.5571, 0.2600, 0.4561 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, 67) }
```

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

```
.background{ background-color: rgb(0, 110,  
67) }
```

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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