

Converting Colors

$Yxy(11.1415, 0.2865, 0.5499)$

Have a look what the booklet for
Yxy(11.1415, 0.2865, 0.5499)
contains.

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Color

Yxy(11.0535, 0.2867, 0.5505)

Conversions

Conversions Part 1

Format	Color
Hex	016D21
RGB	1, 109, 33
RGB Percent	0%, 43%, 13%
CMY	0.9956, 0.5726, 0.8706
CMYK	0.99, 0.00, 0.70, 0.57
HSL	138°, 98%, 22%
HSV	138°, 99%, 43%
XYZ	5.7567, 11.0535, 3.2689
YIQ	68.0440, -39.9720, -46.5320

Conversions

Conversions Part 2

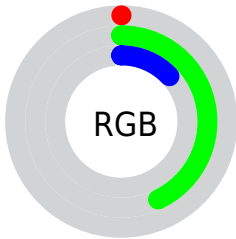
Format	Color
RYB	1, 84, 109
Decimal	93473
CIELab	39.67, -43.60, 33.82
CIELCh	40, 55.183, 142.197
Yxy	11.0535, 0.2867, 0.5505
Android (android.graphics.Color)	4278283553 (0xFF016D21)
YUV	68.0440, -17.2767, -58.7976
Hunter-Lab	33.2468, -27.2748, 17.4433

Details

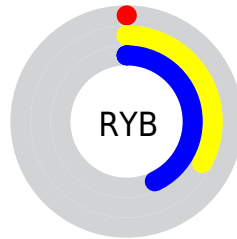
The Yxy color **11.0535, 0.2867, 0.5505** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **3.8126, 0.4065, 0.2023**, and the grayscale version is **5.8267, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.8906, 0.3003, 0.4861**, and **3.2317, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **11.0425, 0.2868, 0.5525**, and if you desaturate by 10%, it is **11.1731, 0.2851, 0.5296**.

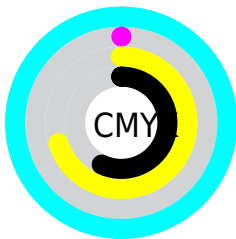
Distribution



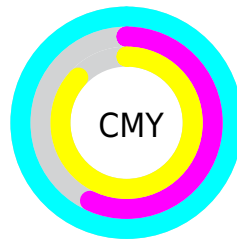
- Red (0%)
- Green (43%)
- Blue (13%)



- Red (0%)
- Yellow (33%)
- Blue (43%)



- Cyan (99%)
- Magenta (0%)
- Yellow (70%)
- Black (57%)





- Cyan (100%)
- Magenta (57%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0535, 0.2867, 0.5505 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 11.0535, 0.2867, 0.5505 by changing the saturation by 10% instead.


 11.0535, 0.2867,
0.5505


 11.0535, 0.2867,
0.5505


198.0342, 0.3099,
0.4046


 6.1028, 0.2717,
0.6058

 27.7591, 0.2999,
0.4853


 2.9077, 0.2586,
0.7398


 40.2827, 0.3031,
0.4649

 1.0837, 0.0000,
1.0000

 56.0995, 0.3053,
0.4491


 0.0000, 0.0000,
0.0000


 75.5939, 0.3068,
0.4365


 99.1501, 0.3079,
0.4263


 127.1526, 0.3087,


0.4178

 159.9859, 0.3094,
0.4107


 11.0535, 0.2867,
0.5505


 11.0535, 0.2867,
0.5505


 11.0425, 0.2868,
0.5525

 11.1731, 0.2851,
0.5296

 11.3344, 0.2842,
0.5064

 11.5597, 0.2847,
0.4814

 11.8552, 0.2866,
0.4557

 12.2265, 0.2896,
0.4304

■ 12.6785, 0.2935,
0.4061

■ 13.2159, 0.2981,
0.3835

■ 13.8426, 0.3030,
0.3628

■ 14.5628, 0.3081,
0.3441

Harmonies

Analogous

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



11.0535, 0.3943, 0.5450



11.0535, 0.2867, 0.5505



11.0535, 0.1910, 0.4365

Triad

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



11.0535, 0.2867, 0.5505



11.0535, 0.1423, 0.1646



11.0535, 0.5270, 0.3107

Complementary

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



11.0535, 0.2867, 0.5505



3.8126, 0.4065, 0.2023

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.



11.0535, 0.4267, 0.2425



11.0535, 0.2867, 0.5505



11.0535, 0.1988, 0.1629

Square

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



11.0535, 0.2867, 0.5505



11.0535, 0.1217, 0.2020



11.0535, 0.2981, 0.1901



11.0535, 0.5453, 0.3863

Rectangle

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



11.0535, 0.2867, 0.5505



11.0535, 0.1487, 0.3357



11.0535, 0.2981, 0.1901



11.0535, 0.5011, 0.2870

Sweetspot

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



11.0540, 0.2867, 0.5505



23.4757, 0.2972, 0.3876



12.5774, 0.3724, 0.5414



5.3911, 0.2958, 0.3946



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.



11.0540, 0.2867, 0.5505



19.7536, 0.2881, 0.5572



11.6100, 0.2435, 0.3956



3.4581, 0.3081, 0.3440



12.9120, 0.2872, 0.5539



65.6564, 0.2899, 0.5635

Inverse Universe

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



3.8126, 0.4065, 0.2023



6.7534, 0.4107, 0.2036



3.3432, 0.5885, 0.3032



3.1494, 0.3176, 0.3144



4.4215, 0.4086, 0.2025



22.3720, 0.4149, 0.2059

Previews

White Background



This preview shows how the Yxy color 11.0535, 0.2867, 0.5505 looks on a white background.

Color Contrast Check

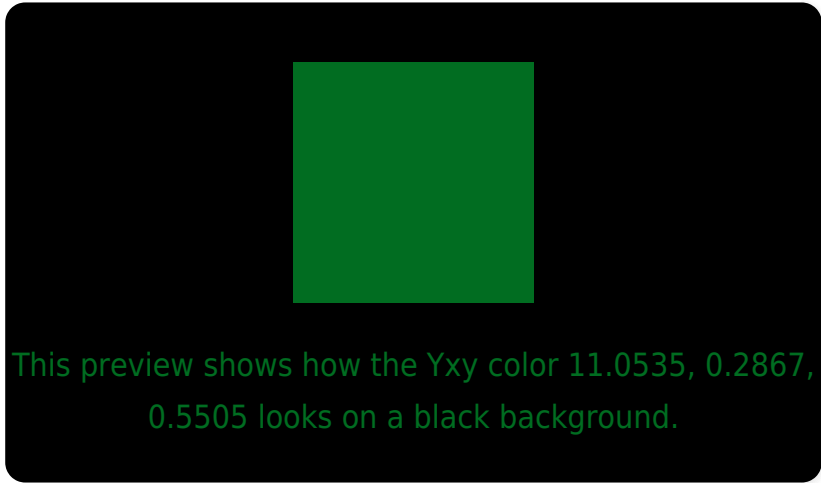
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.0535, 0.2867, 0.5505

Background



This preview shows how black text looks on a background with the Yxy color 11.0535, 0.2867, 0.5505.



This preview shows how white text looks on a background with the Yxy color 11.0535, 0.2867, 0.5505.

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

11.0535, 0.2867, 0.5505

Protanopia

11.0974, 0.4201, 0.4639

Deuteranopia

11.0110, 0.4339, 0.4282



Tritanopia

11.1640, 0.2376, 0.3082

Trichromacy



Original Color

11.0535, 0.2867, 0.5505

Protanomaly

10.2107, 0.3496, 0.5092

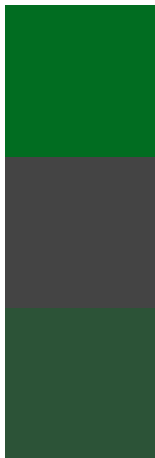
Deuteranomaly

9.9552, 0.3567, 0.4837

Tritanomaly

10.9592, 0.2543, 0.3951

Monochromacy



Original Color

11.0535, 0.2867, 0.5505

Achromatopsia

5.7805, 0.3127, 0.3290

Achromatomaly

6.9978, 0.2917, 0.4233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0535, 0.2867, 0.5505 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(1, 109, 33)` looks like.

```
.text, #text, p{  
    color:rgb(1, 109, 33)  
}
```

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(1, 109, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 109, 33) }
```

Border

The CSS property to change the border of an element to Yxy 11.0535, 0.2867, 0.5505 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(1, 109, 33) }
```

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

```
.border{ border-color:rgb(1, 109, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 109, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 109, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 109, 33);  
box-shadow:4px 4px 4px 4px rgb(1, 109, 33)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.0535, 0.2867, 0.5505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 109, 33) }
```

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

```
.background{ background-color: rgb(1, 109,  
33) }
```

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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