

Converting Colors

$Y_{xy}(11.2069, 0.2842, 0.5431)$

Have a look what the booklet for
Yxy(11.2069, 0.2842, 0.5431)
contains.

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Color

Yxy(11.2854, 0.2840, 0.5422)

Conversions

Conversions Part 1

Format	Color
Hex	006E25
RGB	0, 110, 37
RGB Percent	0%, 43%, 15%
CMY	0.9995, 0.5686, 0.8549
CMYK	1.00, 0.00, 0.66, 0.57
HSL	140°, 100%, 22%
HSV	140°, 100%, 43%
XYZ	5.9112, 11.2854, 3.6175
YIQ	68.7880, -42.1270, -46.0230

Conversions

Conversions Part 2

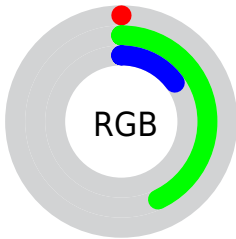
Format	Color
RYB	0, 82, 110
Decimal	28197
CIELab	40.06, -43.53, 32.35
CIELCh	40, 54.234, 143.375
Yxy	11.2854, 0.2840, 0.5422
Android (android.graphics.Color)	4278218277 (0xFF006E25)
YUV	68.7880, -15.6715, -60.3271
Hunter-Lab	33.5937, -27.3800, 17.1311

Details

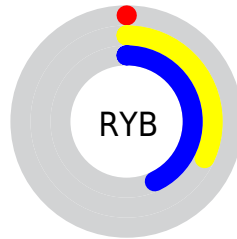
The Yxy color **11.2854, 0.2840, 0.5422** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **3.8006, 0.4221, 0.2100**, and the grayscale version is **5.9531, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.2667, 0.2970, 0.4801**, and **3.3375, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **11.2844, 0.2840, 0.5424**, and if you desaturate by 10%, it is **11.4077, 0.2823, 0.5215**.

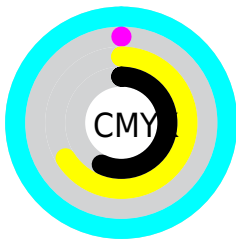
Distribution



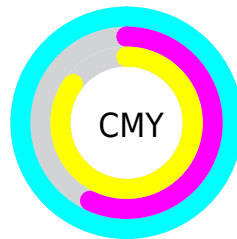
- Red (0%)
- Green (43%)
- Blue (15%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (66%)
- Black (57%)



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

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.2854, 0.2840, 0.5422 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 11.2854, 0.2840, 0.5422 by changing the saturation by 10% instead.


 11.2854, 0.2840,
0.5422


 11.2854, 0.2840,
0.5422


199.6152, 0.3082,
0.4020


 6.2591, 0.2694,
0.5956


 28.1867, 0.2973,
0.4795


 3.0033, 0.2522,
0.7110

 40.8306, 0.3006,
0.4599


 1.1334, 0.0000,
1.0000

 56.7824, 0.3029,
0.4448

 0.0063, 0.0000,
1.0000


 76.4266, 0.3046,
0.4327


 0.0000, 0.0000,
0.0000


 100.1476, 0.3059,
0.4229


 128.3298, 0.3068,

0.4147


 161.3575, 0.3076,
0.4079


 11.2854, 0.2840,
0.5422


 11.2854, 0.2840,
0.5422


 11.2844, 0.2840,
0.5424

 11.4077, 0.2823,
0.5215

 11.5681, 0.2813,
0.4990

 11.7920, 0.2818,
0.4750

 12.0861, 0.2838,
0.4506

 12.4558, 0.2870,
0.4266

■ 12.9063, 0.2912,
0.4036

■ 13.4422, 0.2961,
0.3822

■ 14.0677, 0.3015,
0.3625

■ 14.7867, 0.3071,
0.3447

Harmonies

Analogous

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



11.2854, 0.3899, 0.5427



11.2854, 0.2840, 0.5422



11.2854, 0.1908, 0.4280

Triad

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



11.2854, 0.2840, 0.5422



11.2854, 0.1466, 0.1669



11.2854, 0.5245, 0.3146

Complementary

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



11.2854, 0.2840, 0.5422



3.8006, 0.4221, 0.2100

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.



11.2854, 0.4290, 0.2467



11.2854, 0.2840, 0.5422



11.2854, 0.2041, 0.1663

Square

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



11.2854, 0.2840, 0.5422



11.2854, 0.1250, 0.2025



11.2854, 0.3033, 0.1941



11.2854, 0.5399, 0.3896

Rectangle

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



11.2854, 0.2840, 0.5422



11.2854, 0.1501, 0.3307



11.2854, 0.3033, 0.1941



11.2854, 0.5002, 0.2910

Sweetspot

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



11.2859, 0.2840, 0.5422



23.5146, 0.2957, 0.3841



12.5829, 0.3643, 0.5488



5.4007, 0.2941, 0.3907



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.



11.2859, 0.2840, 0.5422



19.7977, 0.2853, 0.5471



11.9195, 0.2389, 0.3799



3.7800, 0.3076, 0.3433



13.5516, 0.2845, 0.5441



67.3605, 0.2872, 0.5538

Inverse Universe

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



3.8006, 0.4221, 0.2100



6.6458, 0.4256, 0.2118



3.3630, 0.6058, 0.3113



3.4354, 0.3182, 0.3151



4.5561, 0.4235, 0.2106



22.5305, 0.4306, 0.2146

Previews

White Background



This preview shows how the Yxy color 11.2854, 0.2840, 0.5422 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 11.2854, 0.2840, 0.5422

Background



This preview shows how black text looks on a background with the Yxy color 11.2854, 0.2840, 0.5422.



This preview shows how white text looks on a background with the Yxy color 11.2854, 0.2840, 0.5422.

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

11.2854, 0.2840, 0.5422

Protanopia

11.1185, 0.4162, 0.4580

Deuteranopia

11.2761, 0.4291, 0.4227



Tritanopia

11.4061, 0.2380, 0.3084

Trichromacy



Original Color

11.2854, 0.2840, 0.5422



Protanomaly

10.4231, 0.3454, 0.5028



Deuteranomaly

10.2053, 0.3532, 0.4758



Tritanomaly

11.2094, 0.2535, 0.3914

Monochromacy



Original Color

11.2854, 0.2840, 0.5422



Achromatopsia

5.9511, 0.3127, 0.3290



Achromatomaly

7.1715, 0.2891, 0.4191

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2854, 0.2840, 0.5422 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, 37)` looks like.

```
.text, #text, p{  
    color:rgb(0, 110, 37)  
}
```

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, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 110, 37) }
```

Border

The CSS property to change the border of an element to Yxy 11.2854, 0.2840, 0.5422 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, 37) }
```

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

```
.border{ border-color:rgb(0, 110, 37) }
```

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, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 110, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 110, 37);  
box-shadow:4px 4px 4px 4px rgb(0, 110, 37)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.2854, 0.2840, 0.5422 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, 37) }
```

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

```
.background{ background-color: rgb(0, 110,  
37) }
```

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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