

Converting Colors

$Y_{xy}(11.2617, 0.2866, 0.5516)$

Have a look what the booklet for
Yxy(11.2617, 0.2866, 0.5516)
contains.

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Color

Yxy(11.2617, 0.2866, 0.5516)

Conversions

Conversions Part 1

Format	Color
Hex	006E21
RGB	0, 110, 33
RGB Percent	0%, 43%, 13%
CMY	0.9996, 0.5686, 0.8706
CMYK	1.00, 0.00, 0.70, 0.57
HSL	138°, 100%, 22%
HSV	138°, 100%, 43%
XYZ	5.8513, 11.2617, 3.3034
YIQ	68.3320, -40.8430, -47.2670

Conversions

Conversions Part 2

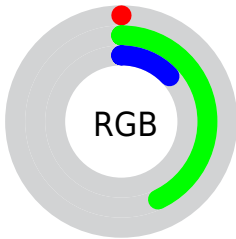
Format	Color
RYB	0, 85, 110
Decimal	28193
CIELab	40.02, -44.03, 34.20
CIELCh	40, 55.753, 142.157
Yxy	11.2617, 0.2866, 0.5516
Android (android.graphics.Color)	4278218273 (0xFF006E21)
YUV	68.3320, -17.4187, -59.9272
Hunter-Lab	33.5585, -27.6035, 17.6546

Details

The Yxy color **11.2617, 0.2866, 0.5516** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **3.8548, 0.4091, 0.2028**, and the grayscale version is **5.8760, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.2443, 0.3003, 0.4872**, and **3.3375, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **11.2610, 0.2866, 0.5518**, and if you desaturate by 10%, it is **11.3816, 0.2850, 0.5309**.

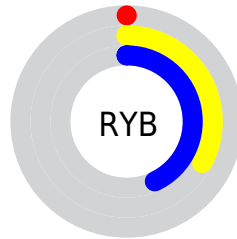
Distribution



Red (0%)

Green (43%)

Blue (13%)



Red (0%)

Yellow (33%)

Blue (43%)

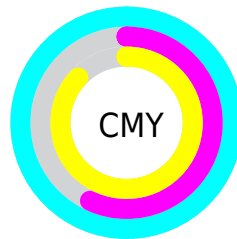


Cyan (100%)

Magenta (0%)

Yellow (70%)

Black (57%)



Cyan (100%)


Magenta (57%)


Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.2617, 0.2866, 0.5516 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 11.2617, 0.2866, 0.5516 by changing the saturation by 10% instead.


 11.2617, 0.2866,
0.5516

 11.2617, 0.2866,
0.5516


199.4543, 0.3099,
0.4053


 6.2431, 0.2716,
0.6068


 28.1431, 0.2999,
0.4864


 2.9935, 0.2576,
0.7371

 40.7747, 0.3031,
0.4659


 1.1283, 0.0000,
1.0000

 56.7128, 0.3052,
0.4500

 0.0020, 0.0000,
1.0000


 76.3418, 0.3068,
0.4374


 0.0000, 0.0000,
0.0000


 100.0460, 0.3079,
0.4271


 128.2099, 0.3088,


0.4186

 161.2179, 0.3094,
0.4114


 11.2617, 0.2866,
0.5516

 11.2617, 0.2866,
0.5516


 11.2610, 0.2866,
0.5518

 11.3816, 0.2850,
0.5309

 11.5403, 0.2839,
0.5079

 11.7635, 0.2843,
0.4831

 12.0578, 0.2861,
0.4576

 12.4288, 0.2891,
0.4323

■ 12.8818, 0.2930,
0.4080

■ 13.4213, 0.2975,
0.3853

■ 14.0518, 0.3024,
0.3645

■ 14.7771, 0.3076,
0.3456

Harmonies

Analogous

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



11.2617, 0.3945, 0.5456



11.2617, 0.2866, 0.5516



11.2617, 0.1906, 0.4372

Triad

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



11.2617, 0.2866, 0.5516



11.2617, 0.1417, 0.1641



11.2617, 0.5277, 0.3104

Complementary

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



11.2617, 0.2866, 0.5516



3.8548, 0.4091, 0.2028

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.



11.2617, 0.4269, 0.2421



11.2617, 0.2866, 0.5516



11.2617, 0.1983, 0.1624

Square

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



11.2617, 0.2866, 0.5516



11.2617, 0.1212, 0.2016



11.2617, 0.2978, 0.1896



11.2617, 0.5461, 0.3861

Rectangle

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



11.2617, 0.2866, 0.5516



11.2617, 0.1482, 0.3359



11.2617, 0.2978, 0.1896



11.2617, 0.5018, 0.2867

Sweetspot

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



11.2622, 0.2866, 0.5516



23.4792, 0.2971, 0.3872



12.8084, 0.3723, 0.5425



5.3920, 0.2956, 0.3942



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.



11.2622, 0.2866, 0.5516



19.7574, 0.2879, 0.5563



11.8274, 0.2435, 0.3964



3.7781, 0.3080, 0.3441



13.5234, 0.2871, 0.5534



67.2304, 0.2897, 0.5627

Inverse Universe

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



3.8548, 0.4091, 0.2028



6.7433, 0.4120, 0.2043



3.3829, 0.5919, 0.3036



3.4373, 0.3177, 0.3144



4.6223, 0.4102, 0.2033



22.8680, 0.4164, 0.2067

Previews

White Background



This preview shows how the Yxy color 11.2617, 0.2866, 0.5516 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 11.2617, 0.2866, 0.5516

Background



This preview shows how black text looks on a background with the Yxy color 11.2617, 0.2866, 0.5516.



This preview shows how white text looks on a background with the Yxy color 11.2617, 0.2866, 0.5516.

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

11.2617, 0.2866, 0.5516

Protanopia

11.1583, 0.4218, 0.4629

Deuteranopia

11.2474, 0.4341, 0.4293



Tritanopia

11.4061, 0.2380, 0.3084

Trichromacy



Original Color

11.2617, 0.2866, 0.5516

Protanomaly

10.4014, 0.3489, 0.5106

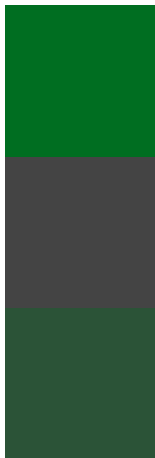
Deuteranomaly

10.1388, 0.3559, 0.4854

Tritanomaly

11.1938, 0.2545, 0.3944

Monochromacy



Original Color

11.2617, 0.2866, 0.5516

Achromatopsia

5.7805, 0.3127, 0.3290

Achromatomaly

6.9759, 0.2903, 0.4237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2617, 0.2866, 0.5516 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, 33)` looks like.

```
.text, #text, p{  
    color:rgb(0, 110, 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(0, 110, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 110, 33) }
```

Border

The CSS property to change the border of an element to Yxy 11.2617, 0.2866, 0.5516 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, 33) }
```

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

```
.border{ border-color:rgb(0, 110, 33) }
```

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, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 110, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 110, 33);  
box-shadow:4px 4px 4px 4px rgb(0, 110, 33)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.2617, 0.2866, 0.5516 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, 33) }
```

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

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