

Converting Colors

$Y_{xy}(17.5957, 0.2979, 0.5925)$

Have a look what the booklet for
Yxy(17.5957, 0.2979, 0.5925)
contains.

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Color

Yxy(17.6325, 0.2980, 0.5927)

Conversions

Conversions Part 1

Format	Color
Hex	00880B
RGB	0, 136, 11
RGB Percent	0%, 53%, 4%
CMY	0.9996, 0.4667, 0.9570
CMYK	1.00, 0.00, 0.92, 0.47
HSL	125°, 100%, 27%
HSV	125°, 100%, 53%
XYZ	8.8653, 17.6325, 3.2516
YIQ	81.0860, -40.9310, -67.7070

Conversions

Conversions Part 2

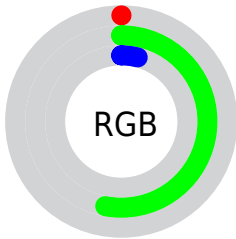
Format	Color
RYB	0, 126, 136
Decimal	34827
CIELab	49.05, -53.62, 50.10
CIELCh	49, 73.385, 136.945
Yxy	17.6325, 0.2980, 0.5927
Android (android.graphics.Color)	4278224907 (0xFF00880B)
YUV	81.0860, -34.5524, -71.1124
Hunter-Lab	41.9911, -35.7987, 24.8026

Details

The Yxy color **17.6325, 0.2980, 0.5927** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **6.7205, 0.3415, 0.1655**, and the grayscale version is **8.3279, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.5886, 0.3111, 0.5266**, and **6.3406, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **17.6324, 0.2980, 0.5928**, and if you desaturate by 10%, it is **17.7633, 0.2979, 0.5789**.

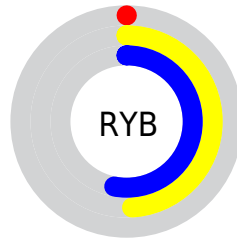
Distribution



Red (0%)

Green (53%)

Blue (4%)



Red (0%)

Yellow (49%)

Blue (53%)

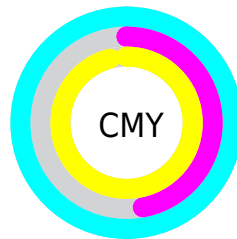


Cyan (100%)

Magenta (0%)

Yellow (92%)

Black (47%)



Cyan (100%)

Magenta (47%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.6325, 0.2980, 0.5927 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 17.6325, 0.2980, 0.5927 by changing the saturation by 10% instead.


 17.6325, 0.2980,
0.5927


 17.6325, 0.2980,
0.5927


238.7914, 0.3183,
0.4303


 10.6865, 0.2834,
0.6430


 39.4101, 0.3109,
0.5257


 5.8564, 0.2650,
0.7350

 55.0105, 0.3138,
0.5029


 2.7580, 0.2013,
0.7987


 74.2644, 0.3156,
0.4846

 1.0067, 0.0000,
1.0000

 97.5563, 0.3167,
0.4697


 0.0000, 0.0000,
0.0000


 125.2706, 0.3174,
0.4573


 157.7916, 0.3179,


0.4469


 195.5037, 0.3181,
0.4380


 17.6325, 0.2980,
0.5927

 17.6325, 0.2980,
0.5927

 17.6324, 0.2980,
0.5928

 17.7633, 0.2979,
0.5789

 17.9730, 0.2977,
0.5584

 18.2955, 0.2983,
0.5319

 18.7438, 0.2995,
0.5014

 19.3292, 0.3012,
0.4690

■ 20.0616, 0.3033,
0.4366

■ 20.9500, 0.3057,
0.4057

■ 22.0027, 0.3081,
0.3772

■ 23.2275, 0.3105,
0.3515

Harmonies

Analogous

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



17.6325, 0.4148, 0.5537



17.6325, 0.2980, 0.5927



17.6325, 0.1902, 0.4838

Triad

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



17.6325, 0.2980, 0.5927



17.6325, 0.1205, 0.1522



17.6325, 0.5409, 0.2911

Complementary

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



17.6325, 0.2980, 0.5927



6.7205, 0.3415, 0.1655

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.



17.6325, 0.4152, 0.2210



17.6325, 0.2980, 0.5927



17.6325, 0.1726, 0.1457

Square

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



17.6325, 0.2980, 0.5927



17.6325, 0.1044, 0.1983



17.6325, 0.2722, 0.1694



17.6325, 0.5741, 0.3688

Rectangle

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



17.6325, 0.2980, 0.5927



17.6325, 0.1400, 0.3631



17.6325, 0.2722, 0.1694



17.6325, 0.5067, 0.2666

Sweetspot

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



17.6332, 0.2980, 0.5927



36.7966, 0.3055, 0.4078



22.1162, 0.4080, 0.5142



8.3828, 0.3046, 0.4190



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



17.6332, 0.2980, 0.5927



31.0630, 0.2985, 0.5945



18.1465, 0.2650, 0.4737



5.6143, 0.3106, 0.3497



16.6890, 0.2979, 0.5926



0.1116, 0.2888, 0.5597

Inverse Universe

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



6.7205, 0.3415, 0.1655



11.8285, 0.3420, 0.1658



5.5522, 0.5180, 0.2628



5.1222, 0.3148, 0.3091



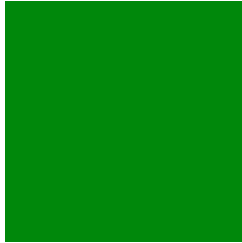
6.3590, 0.3415, 0.1655



0.0432, 0.3303, 0.1593

Previews

White Background



This preview shows how the Yxy color 17.6325, 0.2980, 0.5927 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 17.6325, 0.2980, 0.5927 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 17.6325, 0.2980, 0.5927

Background



This preview shows how black text looks on a background with the Yxy color 17.6325, 0.2980, 0.5927.



This preview shows how white text looks on a background with the Yxy color 17.6325, 0.2980, 0.5927.

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

17.6325, 0.2980, 0.5927

Protanopia

17.3161, 0.4403, 0.4886

Deuteranopia

17.3618, 0.4561, 0.4480



Tritanopia

17.5977, 0.2372, 0.3055

Trichromacy



Original Color

17.6325, 0.2980, 0.5927



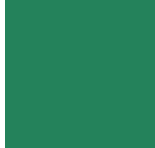
Protanomaly

16.0137, 0.3639, 0.5460



Deuteranomaly

15.5868, 0.3741, 0.5171



Tritanomaly

17.0957, 0.2628, 0.4239

Monochromacy



Original Color

17.6325, 0.2980, 0.5927



Achromatopsia

8.2283, 0.3127, 0.3290



Achromatomaly

10.3229, 0.3017, 0.4591

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.6325, 0.2980, 0.5927 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, 136, 11)` looks like.

```
.text, #text, p{  
  color:rgb(0, 136, 11)  
}
```

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, 136, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 136, 11) }
```

Border

The CSS property to change the border of an element to Yxy 17.6325, 0.2980, 0.5927 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, 136, 11) }
```

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

```
.border{ border-color:rgb(0, 136, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 136, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 136, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 136, 11);  
box-shadow:4px 4px 4px 4px rgb(0, 136, 11)  
}
```


Background

The CSS property to change the background color of an element to Yxy 17.6325, 0.2980, 0.5927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 136, 11) }
```

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

```
.background{ background-color: rgb(0, 136,  
11) }
```

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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