

Converting Colors

$Y_{xy}(11.4856, 0.3062, 0.5949)$

Have a look what the booklet for
Yxy(11.4856, 0.3062, 0.5949)
contains.

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Color

Yxy(11.4880, 0.3064, 0.5949)

Conversions

Conversions Part 1

Format	Color
Hex	116F00
RGB	17, 111, 0
RGB Percent	7%, 44%, 0%
CMY	0.9330, 0.5647, 0.9999
CMYK	0.85, 0.00, 1.00, 0.56
HSL	111°, 100%, 22%
HSV	111°, 100%, 44%
XYZ	5.9168, 11.4880, 1.9060
YIQ	70.2400, -20.3930, -54.4490

Conversions

Conversions Part 2

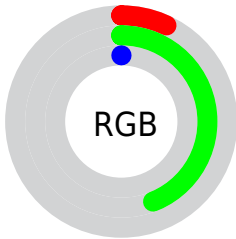
Format	Color
RYB	0, 111, 94
Decimal	1142528
CIELab	40.39, -44.90, 45.30
CIELCh	40, 63.779, 134.749
Yxy	11.4880, 0.3064, 0.5949
Android (android.graphics.Color)	4279332608 (0xFF116F00)
YUV	70.2400, -34.6283, -46.6915
Hunter-Lab	33.8940, -28.1539, 20.3917

Details

The Yxy color **11.4880, 0.3064, 0.5949** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **3.5241, 0.2841, 0.1339**, and the grayscale version is **6.2332, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.6605, 0.3193, 0.5216**, and **3.4452, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **11.4883, 0.3064, 0.5949**, and if you desaturate by 10%, it is **11.6189, 0.3086, 0.5798**.

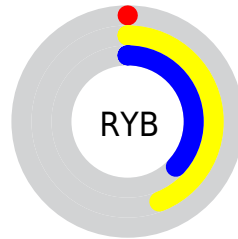
Distribution



Red (7%)

Green (44%)

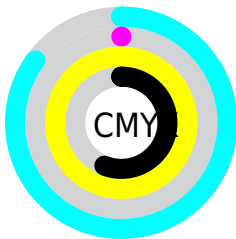
Blue (0%)



Red (0%)

Yellow (44%)

Blue (37%)

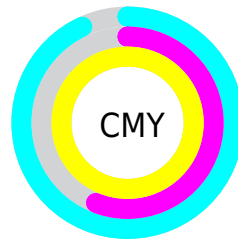


Cyan (85%)

Magenta (0%)

Yellow (100%)

Black (56%)



Cyan (93%)


Magenta (56%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.4880, 0.3064, 0.5949 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 11.4880, 0.3064, 0.5949 by changing the saturation by 10% instead.


 11.4880, 0.3064,
0.5949


 11.4880, 0.3064,
0.5949


 200.9856, 0.3223,
0.4232

 6.3961, 0.2914,
0.6575


 28.5591, 0.3189,
0.5209


 3.0874, 0.2568,
0.7432

 41.3071, 0.3211,
0.4967


 1.1775, 0.0000,
1.0000

 57.3758, 0.3221,
0.4777

 0.0432, 0.0000,
1.0000


 77.1498, 0.3226,
0.4624


 0.0000, 0.0000,
0.0000


 101.0134, 0.3228,
0.4499


 129.3509, 0.3227,

0.4395

 162.5469, 0.3225,
0.4307


 11.4880, 0.3064,
0.5949


 11.4880, 0.3064,
0.5949


 11.4883, 0.3064,
0.5949

 11.6189, 0.3086,
0.5798

 11.8000, 0.3113,
0.5604

 12.0440, 0.3134,
0.5349

 12.3561, 0.3149,
0.5051

 12.7410, 0.3157,
0.4730

■ 13.2031, 0.3159,
0.4405

■ 13.7461, 0.3156,
0.4091

■ 14.3739, 0.3148,
0.3798

■ 15.0898, 0.3139,
0.3530

Harmonies

Analogous

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



11.4880, 0.4242, 0.5492



11.4880, 0.3064, 0.5949



11.4880, 0.1967, 0.4968

Triad

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



11.4880, 0.3064, 0.5949



11.4880, 0.1179, 0.1537



11.4880, 0.5348, 0.2855

Complementary

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



11.4880, 0.3064, 0.5949



3.5241, 0.2841, 0.1339

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.



11.4880, 0.4044, 0.2162



11.4880, 0.3064, 0.5949



11.4880, 0.1671, 0.1448

Square

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



11.4880, 0.3064, 0.5949



11.4880, 0.1042, 0.2035



11.4880, 0.2630, 0.1664



11.4880, 0.5757, 0.3627

Rectangle

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



11.4880, 0.3064, 0.5949



11.4880, 0.1440, 0.3761



11.4880, 0.2630, 0.1664



11.4880, 0.4983, 0.2612

Sweetspot

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



11.4885, 0.3064, 0.5949



24.5287, 0.3156, 0.4117



11.1209, 0.4505, 0.4805



5.8136, 0.3158, 0.4218



58.7016, 0.3127, 0.3290



6.8385, 0.3127, 0.3290

Same Dimension

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



11.4885, 0.3064, 0.5949



20.5326, 0.3052, 0.5959



11.5022, 0.2842, 0.5432



3.7856, 0.3138, 0.3505



13.5297, 0.3060, 0.5952



67.1487, 0.3038, 0.5970

Inverse Universe

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



3.5241, 0.2841, 0.1339



6.2657, 0.2830, 0.1333



3.8743, 0.4216, 0.2096



3.4288, 0.3115, 0.3081



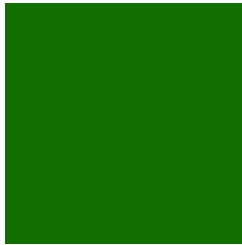
4.1433, 0.2837, 0.1337



20.3373, 0.2816, 0.1325

Previews

White Background



This preview shows how the Yxy color 11.4880, 0.3064, 0.5949 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

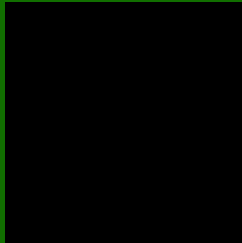
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.4880, 0.3064, 0.5949

Background



This preview shows how black text looks on a background with the Yxy color 11.4880, 0.3064, 0.5949.



This preview shows how white text looks on a background with the Yxy color 11.4880, 0.3064, 0.5949.

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

11.4880, 0.3064, 0.5949

Protanopia

11.3102, 0.4394, 0.4893

Deuteranopia

11.3002, 0.4540, 0.4489



Tritanopia

11.5233, 0.2402, 0.3061

Trichromacy



Original Color

11.4880, 0.3064, 0.5949

Protanomaly

10.7632, 0.3753, 0.5402

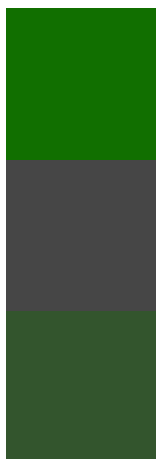
Deuteranomaly

10.5637, 0.3857, 0.5135

Tritanomaly

11.1563, 0.2718, 0.4299

Monochromacy



Original Color

11.4880, 0.3064, 0.5949

Achromatopsia

6.1246, 0.3127, 0.3290

Achromatomaly

7.3903, 0.3156, 0.4585

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.4880, 0.3064, 0.5949 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(17, 111, 0)` looks like.

```
.text, #text, p{  
    color:rgb(17, 111, 0)  
}
```

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(17, 111, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 111, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.4880, 0.3064, 0.5949 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(17, 111, 0) }
```

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

```
.border{ border-color:rgb(17, 111, 0) }
```

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

Here you see how a box with a 4 pixel rgb(17, 111, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 111, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 111, 0);  
box-shadow:4px 4px 4px 4px rgb(17, 111, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.4880, 0.3064, 0.5949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 111, 0) }
```

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

```
.background{ background-color: rgb(17, 111,  
0) }
```

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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