

Converting Colors

$Y_{xy}(11.2344, 0.3027, 0.5927)$

Have a look what the booklet for
Yxy(11.2344, 0.3027, 0.5927)
contains.

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Color

Yxy(11.2318, 0.3027, 0.5928)

Conversions

Conversions Part 1

Format	Color
Hex	0B6E04
RGB	11, 110, 4
RGB Percent	4%, 43%, 2%
CMY	0.9571, 0.5686, 0.9844
CMYK	0.90, 0.00, 0.96, 0.57
HSL	116°, 93%, 22%
HSV	116°, 96%, 43%
XYZ	5.7353, 11.2318, 1.9800
YIQ	68.3150, -24.9780, -53.9540

Conversions

Conversions Part 2

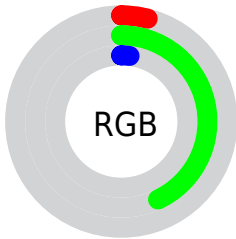
Format	Color
R_{YB}	4, 110, 103
Decimal	749060
CIE Lab	39.97, -45.13, 43.90
CIE LCh	40, 62.961, 135.788
Yxy	11.2318, 0.3027, 0.5928
Android (android.graphics.Color)	4278939140 (0xFF0B6E04)
YUV	68.3150, -31.7073, -50.2653
Hunter-Lab	33.5139, -28.1024, 19.9569

Details

The Yxy color **11.2318, 0.3027, 0.5928** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **4.0985, 0.3058, 0.1482**, and the grayscale version is **5.8868, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.1936, 0.3160, 0.5191**, and **3.3375, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **11.1994, 0.3026, 0.5980**, and if you desaturate by 10%, it is **11.3491, 0.3041, 0.5775**.

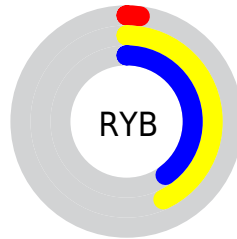
Distribution



Red (4%)

Green (43%)

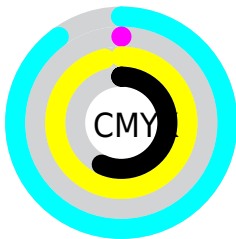
Blue (2%)



Red (2%)

Yellow (43%)

Blue (40%)

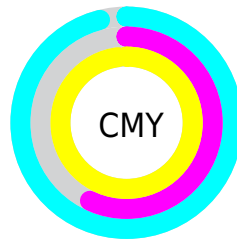


Cyan (90%)

Magenta (0%)

Yellow (96%)

Black (57%)



Cyan (96%)


Magenta (57%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.2318, 0.3027, 0.5928 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 11.2318, 0.3027, 0.5928 by changing the saturation by 10% instead.


 11.2318, 0.3027,
0.5928


 11.2318, 0.3027,
0.5928


 199.2510, 0.3204,
0.4214


 6.2230, 0.2870,
0.6558

 28.0880, 0.3158,
0.5184


 2.9811, 0.2530,
0.7470


 40.7042, 0.3182,
0.4942

 1.1219, 0.0000,
1.0000

 56.6249, 0.3195,
0.4753


 0.0000, 0.0000,
0.0000


 76.2346, 0.3201,
0.4602

 99.9177, 0.3204,
0.4478


 128.0585, 0.3205,

0.4375

 161.0415, 0.3205,
0.4288


 11.2318, 0.3027,
0.5928

 11.2318, 0.3027,
0.5928


 11.1994, 0.3026,
0.5980

 11.3491, 0.3041,
0.5775

 11.5265, 0.3059,
0.5559

 11.7739, 0.3076,
0.5282

 12.0977, 0.3091,
0.4966

 12.5035, 0.3103,
0.4633

■ 12.9963, 0.3112,
0.4303

■ 13.5808, 0.3119,
0.3989

■ 14.2614, 0.3124,
0.3700

■ 15.0421, 0.3126,
0.3440

Harmonies

Analogous

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



11.2318, 0.4201, 0.5513



11.2318, 0.3027, 0.5928



11.2318, 0.1941, 0.4899

Triad

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



11.2318, 0.3027, 0.5928



11.2318, 0.1196, 0.1535



11.2318, 0.5369, 0.2884

Complementary

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



11.2318, 0.3027, 0.5928



4.0985, 0.3058, 0.1482

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.



11.2318, 0.4091, 0.2188



11.2318, 0.3027, 0.5928



11.2318, 0.1701, 0.1457

Square

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



11.2318, 0.3027, 0.5928



11.2318, 0.1048, 0.2015



11.2318, 0.2675, 0.1682



11.2318, 0.5741, 0.3658

Rectangle

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



11.2318, 0.3027, 0.5928



11.2318, 0.1426, 0.3698



11.2318, 0.2675, 0.1682



11.2318, 0.5016, 0.2640

Sweetspot

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



11.2323, 0.3027, 0.5928



23.4816, 0.3117, 0.4093



13.0118, 0.4289, 0.4940



5.3876, 0.3115, 0.4194



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.



11.2323, 0.3027, 0.5928



19.6454, 0.3019, 0.5985



11.4081, 0.2757, 0.5072



3.7727, 0.3126, 0.3506



13.4477, 0.3023, 0.5982



66.8481, 0.3010, 0.5992

Inverse Universe

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



4.0985, 0.3058, 0.1482



6.9982, 0.3048, 0.1453



3.7727, 0.4521, 0.2304



3.4429, 0.3128, 0.3082



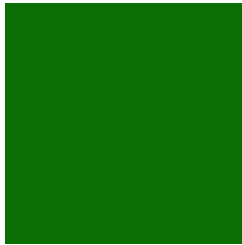
4.7959, 0.3051, 0.1454



23.7440, 0.3042, 0.1449

Previews

White Background



This preview shows how the Yxy color 11.2318, 0.3027, 0.5928 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 11.2318, 0.3027, 0.5928

Background



This preview shows how black text looks on a background with the Yxy color 11.2318, 0.3027, 0.5928.



This preview shows how white text looks on a background with the Yxy color 11.2318, 0.3027, 0.5928.

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

11.2318, 0.3027, 0.5928

Protanopia

11.0696, 0.4396, 0.4892

Deuteranopia

11.0623, 0.4542, 0.4482



Tritanopia

11.2548, 0.2390, 0.3059

Trichromacy



Original Color

11.2318, 0.3027, 0.5928

Protanomaly

10.4561, 0.3713, 0.5421

Deuteranomaly

10.2521, 0.3808, 0.5136

Tritanomaly

10.9111, 0.2681, 0.4251

Monochromacy



Original Color

11.2318, 0.3027, 0.5928

Achromatopsia

5.7805, 0.3127, 0.3290

Achromatomaly

6.9803, 0.3098, 0.4562

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2318, 0.3027, 0.5928 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(11, 110, 4)` looks like.

```
.text, #text, p{  
    color:rgb(11, 110, 4)  
}
```

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(11, 110, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 110, 4) }
```

Border

The CSS property to change the border of an element to Yxy 11.2318, 0.3027, 0.5928 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(11, 110, 4) }
```

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

```
.border{ border-color:rgb(11, 110, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 110, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 110, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 110, 4);  
box-shadow:4px 4px 4px 4px rgb(11, 110, 4)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.2318, 0.3027, 0.5928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 110, 4) }
```

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

```
.background{ background-color: rgb(11, 110,  
4) }
```

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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