

Converting Colors

$Y_{xy}(11.1600, 0.3046, 0.5963)$

Have a look what the booklet for
Yxy(11.1600, 0.3046, 0.5963)
contains.

Yxy(11.2374, 0.3047, 0.5963)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(11.2374, 0.3047, 0.5963)

Conversions

Conversions Part 1

Format	Color
Hex	0D6E00
RGB	13, 110, 0
RGB Percent	5%, 43%, 0%
CMY	0.9489, 0.5686, 1.0000
CMYK	0.88, 0.00, 1.00, 0.57
HSL	113°, 100%, 22%
HSV	113°, 100%, 43%
XYZ	5.7421, 11.2374, 1.8657
YIQ	68.4570, -22.5020, -54.7740

Conversions

Conversions Part 2

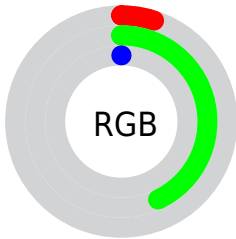
Format	Color
RYB	0, 110, 97
Decimal	880128
CIELab	39.98, -45.09, 44.95
CIELCh	40, 63.669, 135.088
Yxy	11.2374, 0.3047, 0.5963
Android (android.graphics.Color)	4279070208 (0xFF0D6E00)
YUV	68.4570, -33.7493, -48.6358
Hunter-Lab	33.5222, -28.0880, 20.1658

Details

The Yxy color **11.2374, 0.3047, 0.5963** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **3.6655, 0.2926, 0.1385**, and the grayscale version is **5.9185, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.2156, 0.3179, 0.5217**, and **3.3375, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **11.2379, 0.3047, 0.5963**, and if you desaturate by 10%, it is **11.3552, 0.3064, 0.5814**.

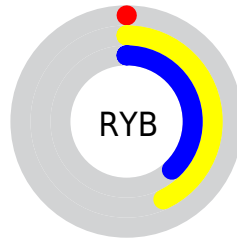
Distribution



Red (5%)

Green (43%)

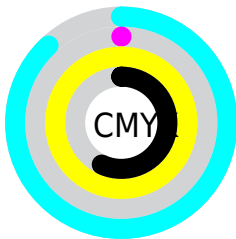
Blue (0%)



Red (0%)

Yellow (43%)

Blue (38%)

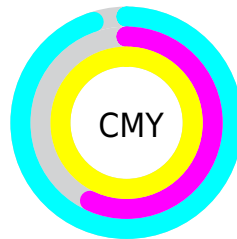


Cyan (88%)

Magenta (0%)

Yellow (100%)

Black (57%)



Cyan (95%)


Magenta (57%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.2374, 0.3047, 0.5963 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 11.2374, 0.3047, 0.5963 by changing the saturation by 10% instead.


 11.2374, 0.3047,
0.5963


 11.2374, 0.3047,
0.5963


 199.2891, 0.3217,
0.4230

 6.2267, 0.2894,
0.6606

 28.0983, 0.3177,
0.5214


 2.9834, 0.2532,
0.7468


 40.7174, 0.3200,
0.4969

 1.1231, 0.0000,
1.0000

 56.6414, 0.3212,
0.4778

 0.0000, 0.0000,
0.0000

 76.2547, 0.3218,
0.4624

 99.9417, 0.3220,
0.4498


 128.0869, 0.3220,


0.4394


 161.0745, 0.3219,
0.4306

 11.2374, 0.3047,
0.5963


 11.2374, 0.3047,
0.5963

 11.2379, 0.3047,
0.5963

 11.3552, 0.3064,
0.5814

 11.5240, 0.3087,
0.5620

 11.7567, 0.3107,
0.5364

 12.0592, 0.3123,
0.5064

 12.4365, 0.3133,
0.4739

■ 12.8931, 0.3139,
0.4411

■ 13.4333, 0.3140,
0.4095

■ 14.0609, 0.3138,
0.3799

■ 14.7797, 0.3133,
0.3530

Harmonies

Analogous

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



11.2374, 0.4232, 0.5512



11.2374, 0.3047, 0.5963



11.2374, 0.1949, 0.4960

Triad

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



11.2374, 0.3047, 0.5963



11.2374, 0.1175, 0.1527



11.2374, 0.5370, 0.2860

Complementary

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



11.2374, 0.3047, 0.5963



3.6655, 0.2926, 0.1385

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.



11.2374, 0.4065, 0.2164



11.2374, 0.3047, 0.5963



11.2374, 0.1673, 0.1442

Square

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



11.2374, 0.3047, 0.5963



11.2374, 0.1034, 0.2020



11.2374, 0.2641, 0.1662



11.2374, 0.5767, 0.3634

Rectangle

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



11.2374, 0.3047, 0.5963



11.2374, 0.1425, 0.3742



11.2374, 0.2641, 0.1662



11.2374, 0.5007, 0.2616

Sweetspot

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



11.2379, 0.3047, 0.5963



23.5096, 0.3140, 0.4119



11.5598, 0.4436, 0.4860



5.3989, 0.3140, 0.4217



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.



11.2379, 0.3047, 0.5963



19.7033, 0.3037, 0.5971



11.3076, 0.2816, 0.5339



3.7804, 0.3133, 0.3506



13.4918, 0.3043, 0.5966



67.0015, 0.3024, 0.5981

Inverse Universe

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



3.6655, 0.2926, 0.1385



6.4038, 0.2918, 0.1381



3.7531, 0.4339, 0.2164



3.4344, 0.3120, 0.3081



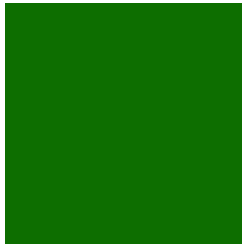
4.3953, 0.2923, 0.1384



21.6496, 0.2907, 0.1375

Previews

White Background



This preview shows how the Yxy color 11.2374, 0.3047, 0.5963 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 11.2374, 0.3047, 0.5963

Background



This preview shows how black text looks on a background with the Yxy color 11.2374, 0.3047, 0.5963.



This preview shows how white text looks on a background with the Yxy color 11.2374, 0.3047, 0.5963.

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

11.2374, 0.3047, 0.5963

Protanopia

11.0696, 0.4396, 0.4892

Deuteranopia

11.0623, 0.4542, 0.4482



Tritanopia

11.2548, 0.2390, 0.3059

Trichromacy



Original Color

11.2374, 0.3047, 0.5963

Protanomaly

10.4921, 0.3733, 0.5418

Deuteranomaly

10.2894, 0.3836, 0.5147

Tritanomaly

10.9154, 0.2699, 0.4280

Monochromacy



Original Color

11.2374, 0.3047, 0.5963

Achromatopsia

5.7805, 0.3127, 0.3290

Achromatomaly

6.9893, 0.3140, 0.4622

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2374, 0.3047, 0.5963 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(13, 110, 0)` looks like.

```
.text, #text, p{  
    color:rgb(13, 110, 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(13, 110, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 110, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.2374, 0.3047, 0.5963 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(13, 110, 0) }
```

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

```
.border{ border-color:rgb(13, 110, 0) }
```

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

Here you see how a box with a 4 pixel rgb(13, 110, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 110, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 110, 0);  
box-shadow:4px 4px 4px 4px rgb(13, 110, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.2374, 0.3047, 0.5963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 110, 0) }
```

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

```
.background{ background-color: rgb(13, 110,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor