

Converting Colors

$Y_{xy}(11.1368, 0.4561, 0.4578)$

Have a look what the booklet for
Yxy(11.1368, 0.4561, 0.4578)
contains.

Yxy(11.1347, 0.4561, 0.4578) 3

***Conversions* 4**

***Details* 6**

***Harmonies* 12**

***Previews* 24**

***Color Blindness Simulation* 27**

***CSS Examples* 30**

Color

Yxy(11.1347, 0.4561, 0.4578)

Conversions

Conversions Part 1	
Format	Color
Hex	755A11
RGB	117, 90, 17
RGB Percent	46%, 35%, 7%
CMY	0.5412, 0.6470, 0.9334
CMYK	0.00, 0.23, 0.85, 0.54
HSL	44°, 75%, 26%
HSV	44°, 85%, 46%
XYZ	11.0934, 11.1347, 2.0941
YIQ	89.7510, 39.5250, -16.9790

Conversions

Conversions Part 2

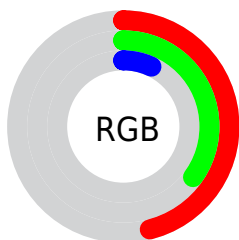
Format	Color
RYB	54, 117, 17
Decimal	7690769
CIELab	39.81, 3.80, 42.63
CIELCh	40, 42.802, 84.900
Yxy	11.1347, 0.4561, 0.4578
Android (android.graphics.Color)	4285880849 (0xFF755A11)
YUV	89.7510, -35.8662, 23.8974
Hunter-Lab	33.3687, 0.9467, 19.6372

Details

The Yxy color **11.1347, 0.4561, 0.4578** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3.2034, 0.1753, 0.1294**, and the grayscale version is **10.2408, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.9321, 0.4243, 0.4324**, and **3.0006, 0.4773, 0.4592** is the 20% darker color. If you saturate the color by 10%, you get **10.5849, 0.4684, 0.4607**, and if you desaturate by 10%, it is **11.7262, 0.4415, 0.4509**.

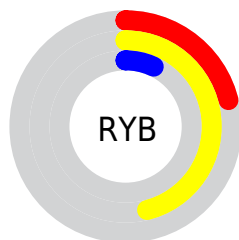
Distribution



Red (46%)

Green (35%)

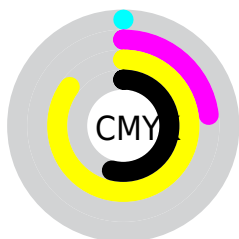
Blue (7%)



Red (21%)

Yellow (46%)

Blue (7%)

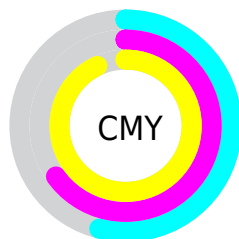


Cyan (0%)

Magenta (23%)

Yellow (85%)

Black (54%)



Cyan (54%)


Magenta (65%)

Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.1347, 0.4561, 0.4578 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 11.1347, 0.4561, 0.4578 by changing the saturation by 10% instead.


 11.1347, 0.4561,
0.4578


 11.1347, 0.4561,
0.4578


 198.5894, 0.3735,
0.3859


 6.1575, 0.4779,
0.4749


 27.9090, 0.4247,
0.4316


 2.9411, 0.5056,
0.4944


 40.4749, 0.4131,
0.4214

 1.1011, 0.5125,
0.4875

 56.3391, 0.4034,
0.4129

 0.0000, 1.0000,
0.0000

 75.8861, 0.3954,
0.4058


 0.0000, 0.0000,
0.0000

 99.5002, 0.3886,
0.3997


 127.5659, 0.3828,


0.3944

 160.4674, 0.3778,
0.3899


 11.1347, 0.4561,
0.4578


 11.1347, 0.4561,
0.4578

 10.5849, 0.4684,
0.4607


 11.7262, 0.4415,
0.4509

 10.3450, 0.4740,
0.4618

 12.3619, 0.4249,
0.4399

 13.0451, 0.4070,
0.4259

 13.7778, 0.3886,
0.4096

 14.5622, 0.3703,
0.3920

■ 15.4001, 0.3527,
0.3739

■ 16.2932, 0.3361,
0.3558

■ 17.2432, 0.3206,
0.3383

■ 18.2516, 0.3065,
0.3216

Harmonies

Analogous

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



11.1347, 0.4986, 0.3917



11.1347, 0.4561, 0.4578



11.1347, 0.3793, 0.5041

Triad

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



11.1347, 0.4561, 0.4578



11.1347, 0.1657, 0.2956



11.1347, 0.3116, 0.2181

Complementary

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



11.1347, 0.4561, 0.4578



3.2034, 0.1753, 0.1294

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.



11.1347, 0.2274, 0.1927



11.1347, 0.4561, 0.4578



11.1347, 0.1545, 0.2247

Square

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



11.1347, 0.4561, 0.4578



11.1347, 0.2123, 0.4009



11.1347, 0.1750, 0.1931



11.1347, 0.4109, 0.2650

Rectangle

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



11.1347, 0.4561, 0.4578



11.1347, 0.3201, 0.5037



11.1347, 0.1750, 0.1931



11.1347, 0.2805, 0.2070

Sweetspot

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



11.1352, 0.4561, 0.4578



27.3937, 0.3547, 0.3760



4.3743, 0.5230, 0.2854



6.2048, 0.3594, 0.3809



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

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



11.1352, 0.4561, 0.4578



18.2949, 0.4757, 0.4605



15.2135, 0.3827, 0.5192



4.1071, 0.3260, 0.3444



11.3719, 0.4743, 0.4616



53.9445, 0.4779, 0.4587

Inverse Universe

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



3.2034, 0.1753, 0.1294



3.9065, 0.1598, 0.0953



2.1094, 0.1813, 0.0903



3.7359, 0.2995, 0.3131



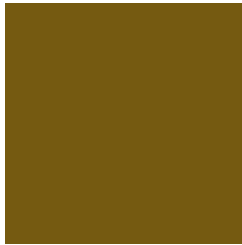
2.5049, 0.1607, 0.0986



10.9643, 0.1584, 0.0901

Previews

White Background



This preview shows how the Yxy color 11.1347, 0.4561, 0.4578 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 11.1347, 0.4561, 0.4578 looks on a 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 11.1347, 0.4561, 0.4578

Background



This preview shows how black text looks on a background with the Yxy color 11.1347, 0.4561, 0.4578.



This preview shows how white text looks on a background with the Yxy color 11.1347, 0.4561, 0.4578.

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

11.1347, 0.4561, 0.4578

Protanopia

11.1133, 0.4305, 0.4758

Deuteranopia

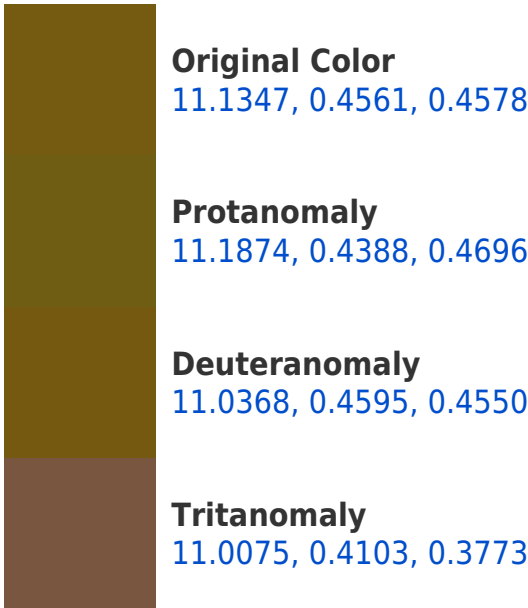
11.1072, 0.4611, 0.4539



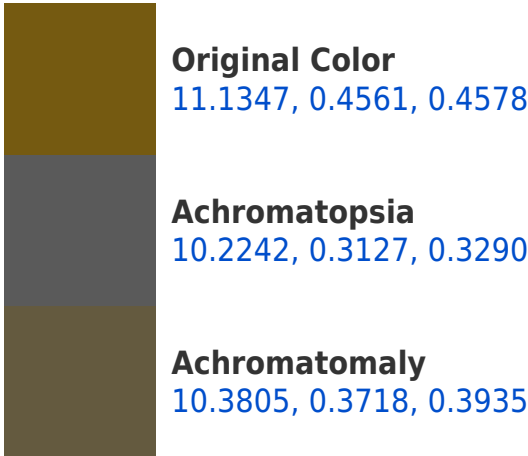
Tritanopia

11.1438, 0.3666, 0.3167

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1347, 0.4561, 0.4578 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(117, 90, 17)` looks like.

```
.text, #text, p{  
    color:rgb(117, 90, 17)  
}
```

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(117, 90, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 90, 17) }
```

Border

The CSS property to change the border of an element to Yxy 11.1347, 0.4561, 0.4578 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(117, 90, 17) }
```

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

```
.border{ border-color:rgb(117, 90, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 90, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 90, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 90, 17);  
box-shadow:4px 4px 4px 4px rgb(117, 90,  
17) }
```


Background

The CSS property to change the background color of an element to Yxy 11.1347, 0.4561, 0.4578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 90, 17) }
```

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

```
.background{ background-color: rgb(117, 90,  
17) }
```

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