

Converting Colors

$Y_{xy}(11.0138, 0.4644, 0.4614)$

Have a look what the booklet for
Yxy(11.0138, 0.4644, 0.4614)
contains.

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Color

Yxy(11.0138, 0.4644, 0.4614)

Conversions

Conversions Part 1

Format	Color
Hex	765908
RGB	118, 89, 8
RGB Percent	46%, 35%, 3%
CMY	0.5373, 0.6509, 0.9686
CMYK	0.00, 0.25, 0.93, 0.54
HSL	44°, 87%, 25%
HSV	44°, 93%, 46%
XYZ	11.0854, 11.0138, 1.7712
YIQ	88.4370, 43.2850, -19.0430

Conversions

Conversions Part 2

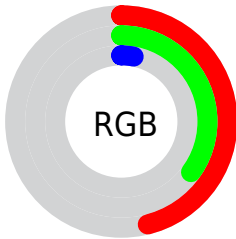
Format	Color
R_{YB}	47, 118, 8
Decimal	7756040
CIE Lab	39.60, 4.62, 45.19
CIE LCh	40, 45.429, 84.163
Yxy	11.0138, 0.4644, 0.4614
Android (android.graphics.Color)	4285946120 (0xFF765908)
YUV	88.4370, -39.6554, 25.9268
Hunter-Lab	33.1870, 1.5467, 20.0666

Details

The Yxy color **11.0138, 0.4644, 0.4614** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **2.6803, 0.1669, 0.1110**, and the grayscale version is **9.9412, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.8117, 0.4317, 0.4356**, and **2.9252, 0.4807, 0.4565** is the 20% darker color. If you saturate the color by 10%, you get **10.6511, 0.4725, 0.4630**, and if you desaturate by 10%, it is **11.5749, 0.4520, 0.4577**.

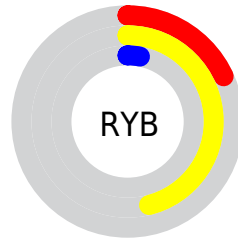
Distribution



Red (46%)

Green (35%)

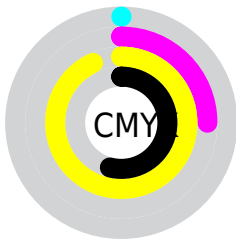
Blue (3%)



Red (18%)

Yellow (46%)

Blue (3%)

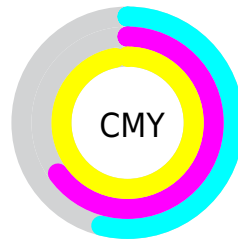


Cyan (0%)

Magenta (25%)

Yellow (93%)

Black (54%)



Cyan (54%)


Magenta (65%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0138, 0.4644, 0.4614 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 11.0138, 0.4644, 0.4614 by changing the saturation by 10% instead.


 11.0138, 0.4644,
0.4614


 11.0138, 0.4644,
0.4614


 197.7622, 0.3778,
0.3888


 6.0761, 0.4884,
0.4793

 27.6857, 0.4320,
0.4357


 2.8914, 0.5095,
0.4905

 40.1887, 0.4198,
0.4255


 1.0753, 0.5181,
0.4819

 55.9822, 0.4096,
0.4168

 0.0000, 1.0000,
0.0000


 75.4507, 0.4011,
0.4094


 0.0000, 0.0000,
0.0000


 98.9786, 0.3939,
0.4031


 126.9502, 0.3878,

0.3977


 159.7499, 0.3824,
0.3930


 11.0138, 0.4644,
0.4614


 11.0138, 0.4644,
0.4614


 10.6511, 0.4725,
0.4630

 11.5749, 0.4520,
0.4577

 12.1775, 0.4371,
0.4497

 12.8255, 0.4204,
0.4379

 13.5212, 0.4025,
0.4232

 14.2668, 0.3842,
0.4064

■ 15.0644, 0.3661,
0.3885

■ 15.9158, 0.3488,
0.3701

■ 16.8228, 0.3325,
0.3520

■ 17.7869, 0.3173,
0.3345

Harmonies

Analogous

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



11.0138, 0.5096, 0.3910



11.0138, 0.4644, 0.4614



11.0138, 0.3835, 0.5141

Triad

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



11.0138, 0.4644, 0.4614



11.0138, 0.1586, 0.2949



11.0138, 0.3086, 0.2115

Complementary

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



11.0138, 0.4644, 0.4614



2.6803, 0.1669, 0.1110

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.



11.0138, 0.2207, 0.1856



11.0138, 0.4644, 0.4614



11.0138, 0.1466, 0.2195

Square

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



11.0138, 0.4644, 0.4614



11.0138, 0.2076, 0.4087



11.0138, 0.1671, 0.1864



11.0138, 0.4145, 0.2598

Rectangle

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



11.0138, 0.4644, 0.4614



11.0138, 0.3212, 0.5169



11.0138, 0.1671, 0.1864



11.0138, 0.2759, 0.2001

Sweetspot

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



11.0143, 0.4644, 0.4614



27.1632, 0.3582, 0.3802



4.1594, 0.5552, 0.2925



6.1281, 0.3642, 0.3865



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.



11.0143, 0.4644, 0.4614



18.5158, 0.4741, 0.4618



15.2614, 0.3804, 0.5295



4.1109, 0.3260, 0.3446



11.5062, 0.4727, 0.4628



54.6187, 0.4763, 0.4600

Inverse Universe

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



2.6803, 0.1669, 0.1110



3.8378, 0.1594, 0.0939



1.8155, 0.1734, 0.0786



3.7324, 0.2995, 0.3129



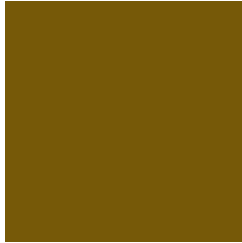
2.4611, 0.1603, 0.0972



10.7716, 0.1580, 0.0887

Previews

White Background



This preview shows how the Yxy color 11.0138, 0.4644, 0.4614 looks on a white background.

Color Contrast Check

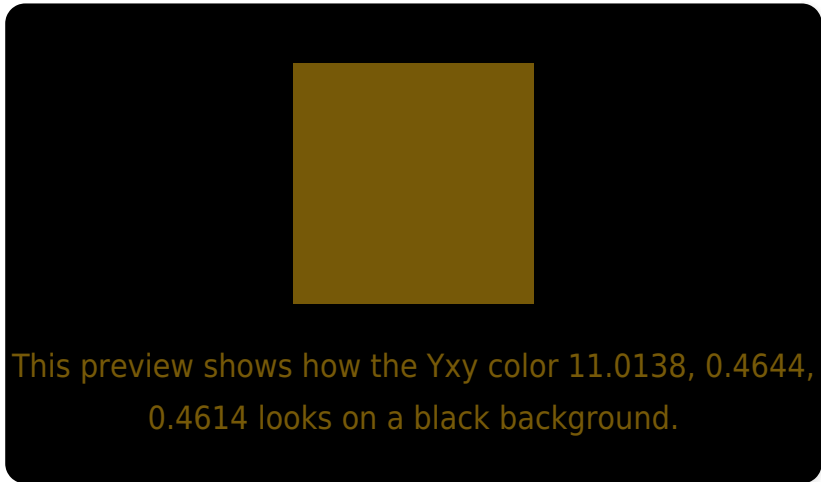
Large Text (above 18pt) WCAG AA ✓ Pass

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

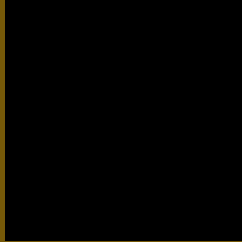
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.0138, 0.4644, 0.4614

Background



This preview shows how black text looks on a background with the Yxy color 11.0138, 0.4644, 0.4614.



This preview shows how white text looks on a background with the Yxy color 11.0138, 0.4644, 0.4614.

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

11.0138, 0.4644, 0.4614

Protanopia

11.0915, 0.4350, 0.4824

Deuteranopia

11.0138, 0.4644, 0.4614



Tritanopia

11.0454, 0.3706, 0.3168

Trichromacy



Original Color

11.0138, 0.4644, 0.4614

Protanomaly

10.9890, 0.4456, 0.4751

Deuteranomaly

11.0138, 0.4644, 0.4614

Tritanomaly

10.8882, 0.4180, 0.3809

Monochromacy



Original Color

11.0138, 0.4644, 0.4614

Achromatopsia

9.7587, 0.3127, 0.3290

Achromatomaly

9.9479, 0.3780, 0.3990

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0138, 0.4644, 0.4614 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(118, 89, 8)` looks like.

```
.text, #text, p{  
  color:rgb(118, 89, 8)  
}
```

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(118, 89, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 89, 8) }
```

Border

The CSS property to change the border of an element to Yxy 11.0138, 0.4644, 0.4614 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(118, 89, 8) }
```

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

```
.border{ border-color:rgb(118, 89, 8) }
```

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

Here you see how a box with a 4 pixel rgb(118, 89, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 89, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 89, 8);  
box-shadow:4px 4px 4px 4px rgb(118, 89, 8)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.0138, 0.4644, 0.4614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 89, 8) }
```

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

```
.background{ background-color: rgb(118, 89,  
8) }
```

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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