

Converting Colors

$Y_{xy}(11.2664, 0.4672, 0.4706)$

Have a look what the booklet for
Yxy(11.2664, 0.4672, 0.4706)
contains.

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Color

Yxy(11.3337, 0.4644, 0.4694)

Conversions

Conversions Part 1

Format	Color
Hex	765B00
RGB	118, 91, 0
RGB Percent	46%, 36%, 0%
CMY	0.5372, 0.6431, 0.9997
CMYK	0.00, 0.23, 1.00, 0.54
HSL	46°, 100%, 23%
HSV	46°, 100%, 46%
XYZ	11.2130, 11.3337, 1.5984
YIQ	88.6990, 45.3030, -22.5770

Conversions

Conversions Part 2

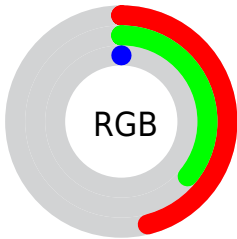
Format	Color
R_YB	35, 118, 0
Decimal	7756544
CIE Lab	40.14, 3.26, 47.82
CIE LCh	40, 47.927, 86.106
Yxy	11.3337, 0.4644, 0.4694
Android (android.graphics.Color)	4285946624 (0xFF765B00)
YUV	88.6990, -43.7286, 25.6970
Hunter-Lab	33.6656, 0.5382, 20.7509

Details

The Yxy color **11.3337, 0.4644, 0.4694** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **2.0955, 0.1586, 0.0907**, and the grayscale version is **10.0129, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.3438, 0.4335, 0.4433**, and **3.0778, 0.4738, 0.4620** is the 20% darker color. If you saturate the color by 10%, you get **11.3315, 0.4645, 0.4694**, and if you desaturate by 10%, it is **11.8306, 0.4539, 0.4664**.

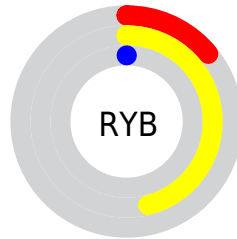
Distribution



Red (46%)

Green (36%)

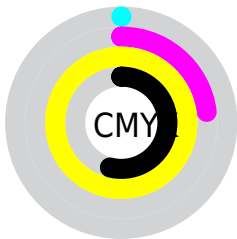
Blue (0%)



Red (14%)

Yellow (46%)

Blue (0%)

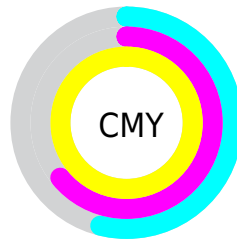


Cyan (0%)

Magenta (23%)

Yellow (100%)

Black (54%)



Cyan (54%)


Magenta (64%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.3337, 0.4644, 0.4694 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 11.3337, 0.4644, 0.4694 by changing the saturation by 10% instead.


 11.3337, 0.4644,
0.4694


 11.3337, 0.4644,
0.4694


 199.9428, 0.3794,
0.3930


 6.2918, 0.4882,
0.4892


 28.2756, 0.4334,
0.4427


 3.0233, 0.5028,
0.4972

 40.9444, 0.4214,
0.4320

 1.1439, 0.5087,
0.4913

 56.9242, 0.4114,
0.4228

 0.0152, 0.8610,
0.1390


 76.5994, 0.4029,
0.4150


 0.0000, 0.0000,
0.0000


 100.3545, 0.3957,
0.4083


 128.5739, 0.3895,


0.4025


 161.6418, 0.3841,
0.3974


 11.3337, 0.4644,
0.4694


 11.3337, 0.4644,
0.4694


 11.3315, 0.4645,
0.4694

 11.8306, 0.4539,
0.4664

 12.3561, 0.4420,
0.4608

 12.9198, 0.4277,
0.4510

 13.5243, 0.4117,
0.4376

 14.1719, 0.3946,
0.4215

■ 14.8646, 0.3770,
0.4036

■ 15.6044, 0.3597,
0.3848

■ 16.3930, 0.3430,
0.3657

■ 17.2319, 0.3273,
0.3470

Harmonies

Analogous

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



11.3337, 0.5157, 0.3962



11.3337, 0.4644, 0.4694



11.3337, 0.3786, 0.5237

Triad

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



11.3337, 0.4644, 0.4694



11.3337, 0.1511, 0.2861



11.3337, 0.3150, 0.2099

Complementary

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



11.3337, 0.4644, 0.4694



2.0955, 0.1586, 0.0907

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.



11.3337, 0.2219, 0.1817



11.3337, 0.4644, 0.4694



11.3337, 0.1415, 0.2115

Square

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



11.3337, 0.4644, 0.4694



11.3337, 0.1985, 0.4043



11.3337, 0.1646, 0.1804



11.3337, 0.4257, 0.2608

Rectangle

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



11.3337, 0.4644, 0.4694



11.3337, 0.3140, 0.5243



11.3337, 0.1646, 0.1804



11.3337, 0.2804, 0.1977

Sweetspot

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



11.3343, 0.4644, 0.4694



27.3283, 0.3611, 0.3863



3.9351, 0.5887, 0.3018



6.1832, 0.3668, 0.3926



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.



11.3343, 0.4644, 0.4694



19.7219, 0.4658, 0.4684



14.9627, 0.3746, 0.5407



4.1309, 0.3259, 0.3453



12.2392, 0.4647, 0.4693



58.3055, 0.4676, 0.4669

Inverse Universe

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



2.0955, 0.1586, 0.0907



3.5038, 0.1575, 0.0869



1.6089, 0.1696, 0.0708



3.7135, 0.2995, 0.3122



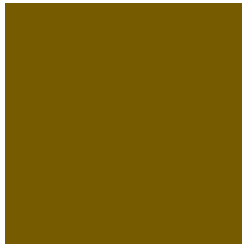
2.2468, 0.1583, 0.0900



9.8436, 0.1562, 0.0821

Previews

White Background



This preview shows how the Yxy color 11.3337, 0.4644, 0.4694 looks on a white background.

Color Contrast Check

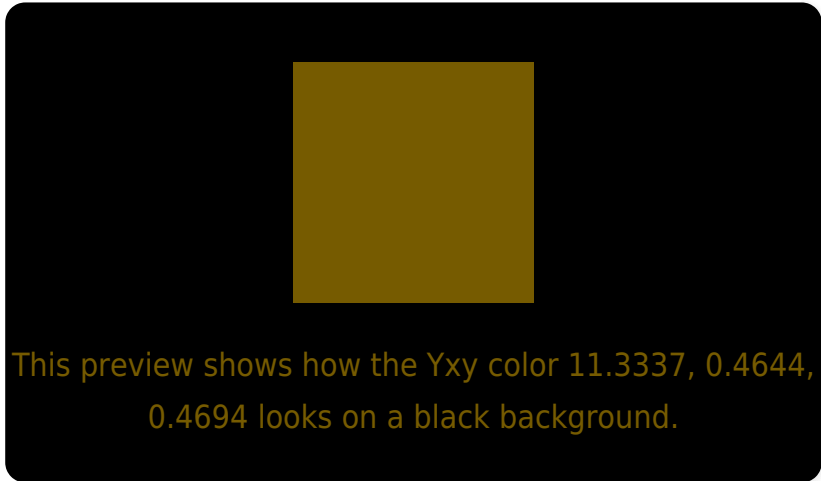
Large Text (above 18pt) WCAG AA ✓ Pass

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

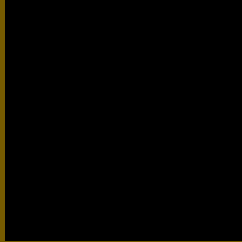
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.3337, 0.4644, 0.4694

Background



This preview shows how black text looks on a background with the Yxy color 11.3337, 0.4644, 0.4694.



This preview shows how white text looks on a background with the Yxy color 11.3337, 0.4644, 0.4694.

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

11.3337, 0.4644, 0.4694

Protanopia

11.3234, 0.4367, 0.4853

Deuteranopia

11.3164, 0.4671, 0.4624



Tritanopia

11.4633, 0.3678, 0.3169

Trichromacy



Original Color

11.3337, 0.4644, 0.4694

Protanomaly

11.3937, 0.4459, 0.4801

Deuteranomaly

11.2408, 0.4665, 0.4648

Tritanomaly

11.1868, 0.4191, 0.3888

Monochromacy



Original Color

11.3337, 0.4644, 0.4694

Achromatopsia

9.9899, 0.3127, 0.3290

Achromatomaly

10.3171, 0.3811, 0.4075

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.3337, 0.4644, 0.4694 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, 91, 0)` looks like.

```
.text, #text, p{  
    color:rgb(118, 91, 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(118, 91, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 91, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.3337, 0.4644, 0.4694 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, 91, 0) }
```

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

```
.border{ border-color:rgb(118, 91, 0) }
```

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

Here you see how a box with a 4 pixel rgb(118, 91, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 91, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 91, 0);  
box-shadow:4px 4px 4px 4px rgb(118, 91, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.3337, 0.4644, 0.4694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 91, 0) }
```

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

```
.background{ background-color: rgb(118, 91,  
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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