

Converting Colors

$Y_{xy}(10.9968, 0.4667, 0.4638)$

Have a look what the booklet for
Yxy(10.9968, 0.4667, 0.4638)
contains.

Yxy(11.0051, 0.4664, 0.4638)	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(11.0051, 0.4664, 0.4638)

Conversions

Conversions Part 1

Format	Color
Hex	765904
RGB	118, 89, 4
RGB Percent	46%, 35%, 2%
CMY	0.5372, 0.6510, 0.9842
CMYK	0.00, 0.25, 0.97, 0.54
HSL	45°, 93%, 24%
HSV	45°, 97%, 46%
XYZ	11.0668, 11.0051, 1.6562
YIQ	87.9810, 44.5690, -20.2870

Conversions

Conversions Part 2

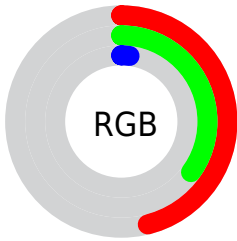
Format	Color
RYB	43, 118, 4
Decimal	7756036
CIELab	39.59, 4.55, 46.29
CIELCh	40, 46.511, 84.391
Yxy	11.0051, 0.4664, 0.4638
Android (android.graphics.Color)	4285946116 (0xFF765904)
YUV	87.9810, -41.4026, 26.3267
Hunter-Lab	33.1739, 1.4930, 20.2617

Details

The Yxy color **11.0051, 0.4664, 0.4638** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **2.4238, 0.1631, 0.1023**, and the grayscale version is **9.8403, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.7797, 0.4340, 0.4388**, and **2.9252, 0.4807, 0.4565** is the 20% darker color. If you saturate the color by 10%, you get **10.8277, 0.4704, 0.4647**, and if you desaturate by 10%, it is **11.5439, 0.4548, 0.4609**.

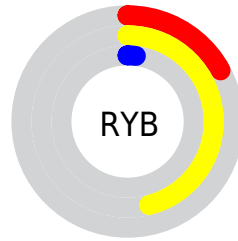
Distribution



Red (46%)

Green (35%)

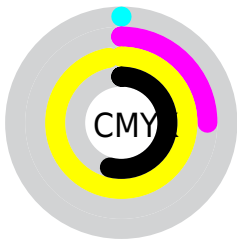
Blue (2%)



Red (17%)

Yellow (46%)

Blue (2%)

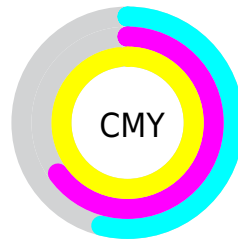


Cyan (0%)

Magenta (25%)

Yellow (97%)

Black (54%)



Cyan (54%)


Magenta (65%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0051, 0.4664, 0.4638 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 11.0051, 0.4664, 0.4638 by changing the saturation by 10% instead.

 11.0051, 0.4664,
0.4638


 11.0051, 0.4664,
0.4638


 197.7025, 0.3791,
0.3903


 6.0703, 0.4912,
0.4825

 27.6696, 0.4340,
0.4381

 2.8879, 0.5092,
0.4908

 40.1681, 0.4217,
0.4277


 1.0735, 0.5176,
0.4824

 55.9565, 0.4115,
0.4189

 0.0000, 1.0000,
0.0000

 75.4194, 0.4028,
0.4114


 0.0000, 0.0000,
0.0000


 98.9410, 0.3955,
0.4050

 126.9058, 0.3893,


0.3994


 159.6982, 0.3838,
0.3946


 11.0051, 0.4664,
0.4638


 11.0051, 0.4664,
0.4638


 10.8277, 0.4704,
0.4647

 11.5439, 0.4548,
0.4609

 12.1198, 0.4411,
0.4542

 12.7388, 0.4252,
0.4435

 13.4032, 0.4079,
0.4295

 14.1155, 0.3899,
0.4131

■ 14.8776, 0.3719,
0.3953

■ 15.6914, 0.3544,
0.3769

■ 16.5587, 0.3378,
0.3584

■ 17.4811, 0.3223,
0.3404

Harmonies

Analogous

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



11.0051, 0.5135, 0.3918



11.0051, 0.4664, 0.4638



11.0051, 0.3835, 0.5184

Triad

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



11.0051, 0.4664, 0.4638



11.0051, 0.1553, 0.2929



11.0051, 0.3091, 0.2095

Complementary

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



11.0051, 0.4664, 0.4638



2.4238, 0.1631, 0.1023

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.



11.0051, 0.2193, 0.1831



11.0051, 0.4664, 0.4638



11.0051, 0.1437, 0.2166

Square

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



11.0051, 0.4664, 0.4638



11.0051, 0.2046, 0.4098



11.0051, 0.1647, 0.1835



11.0051, 0.4177, 0.2587

Rectangle

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



11.0051, 0.4664, 0.4638



11.0051, 0.3200, 0.5217



11.0051, 0.1647, 0.1835



11.0051, 0.2756, 0.1979

Sweetspot

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



11.0056, 0.4664, 0.4638



27.1274, 0.3598, 0.3827



4.0575, 0.5666, 0.2943



6.1260, 0.3657, 0.3889



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.



11.0056, 0.4664, 0.4638



18.8201, 0.4719, 0.4635



15.2136, 0.3803, 0.5329



4.1160, 0.3259, 0.3447



11.6913, 0.4706, 0.4645



55.5480, 0.4740, 0.4618

Inverse Universe

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



2.4238, 0.1631, 0.1023



3.7471, 0.1589, 0.0920



1.6809, 0.1696, 0.0737



3.7275, 0.2995, 0.3127



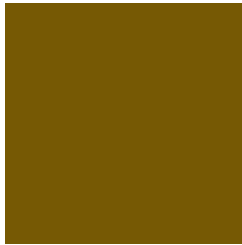
2.4031, 0.1598, 0.0953



10.5182, 0.1575, 0.0870

Previews

White Background



This preview shows how the Yxy color 11.0051, 0.4664, 0.4638 looks on a white background.

Color Contrast Check

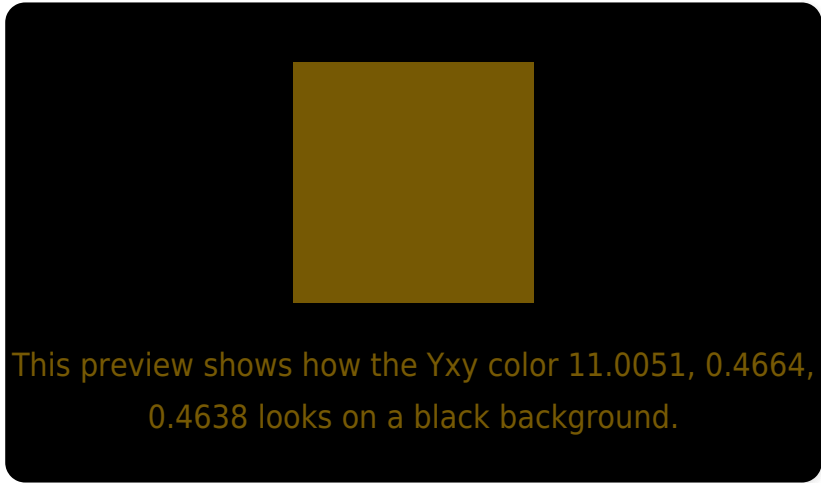
Large Text (above 18pt) WCAG AA ✓ Pass

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

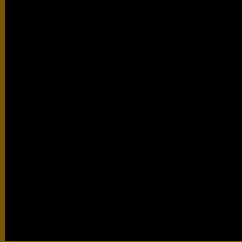
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.0051, 0.4664, 0.4638

Background



This preview shows how black text looks on a background with the Yxy color 11.0051, 0.4664, 0.4638.



This preview shows how white text looks on a background with the Yxy color 11.0051, 0.4664, 0.4638.

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

11.0051, 0.4664, 0.4638

Protanopia

11.0849, 0.4363, 0.4844

Deuteranopia

11.0073, 0.4659, 0.4632



Tritanopia

11.0454, 0.3706, 0.3168

Trichromacy



Original Color

11.0051, 0.4664, 0.4638

Protanomaly

10.9824, 0.4470, 0.4770

Deuteranomaly

11.0073, 0.4659, 0.4632

Tritanomaly

10.8674, 0.4213, 0.3848

Monochromacy



Original Color

11.0051, 0.4664, 0.4638

Achromatopsia

9.7587, 0.3127, 0.3290

Achromatomaly

9.9275, 0.3811, 0.4036

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0051, 0.4664, 0.4638 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, 4)` looks like.

```
.text, #text, p{  
    color:rgb(118, 89, 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(118, 89, 4) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 11.0051, 0.4664, 0.4638 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, 4) }
```

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

```
.border{ border-color:rgb(118, 89, 4) }
```

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, 4)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 11.0051, 0.4664, 0.4638 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, 4) }
```

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

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