

Converting Colors

$Y_{xy}(11.6478, 0.4629, 0.5330)$

Have a look what the booklet for
Yxy(11.6478, 0.4629, 0.5330)
contains.

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Color

Yxy(11.6752, 0.4358, 0.4922)

Conversions

Conversions Part 1

Format	Color
Hex	6B6100
RGB	107, 97, 0
RGB Percent	42%, 38%, 0%
CMY	0.5804, 0.6196, 1.0000
CMYK	0.00, 0.09, 1.00, 0.58
HSL	54°, 100%, 21%
HSV	54°, 100%, 42%
XYZ	10.3374, 11.6752, 1.7079
YIQ	88.9320, 37.0970, -28.0470

Conversions

Conversions Part 2

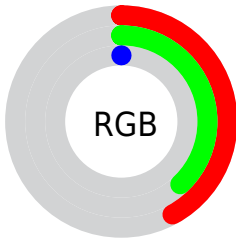
Format	Color
R_{YB}	11, 107, 0
Decimal	7037184
CIE Lab	40.70, -5.71, 47.69
CIE LCh	41, 48.026, 96.826
Yxy	11.6752, 0.4358, 0.4922
Android (android.graphics.Color)	4285227264 (0xFF6B6100)
YUV	88.9320, -43.8435, 15.8456
Hunter-Lab	34.1690, -5.7930, 20.9548

Details

The Yxy color **11.6752, 0.4358, 0.4922** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.2782, 0.1530, 0.0708**, and the grayscale version is **10.0671, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.8543, 0.4133, 0.4569**, and **3.1799, 0.4306, 0.4963** is the 20% darker color. If you saturate the color by 10%, you get **11.6758, 0.4358, 0.4922**, and if you desaturate by 10%, it is **11.8850, 0.4295, 0.4866**.

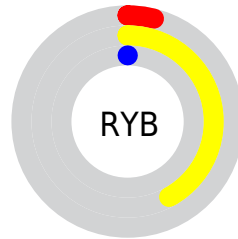
Distribution



Red (42%)

Green (38%)

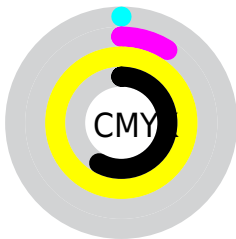
Blue (0%)



Red (4%)

Yellow (42%)

Blue (0%)

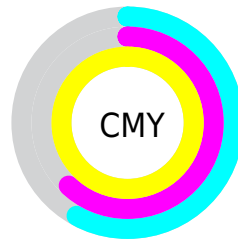


Cyan (0%)

Magenta (9%)

Yellow (100%)

Black (58%)



Cyan (58%)


Magenta (62%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.6752, 0.4358, 0.4922 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 11.6752, 0.4358, 0.4922 by changing the saturation by 10% instead.


 11.6752, 0.4358,
0.4922

 11.6752, 0.4358,
0.4922


 202.2430, 0.3690,
0.3989


 6.5229, 0.4522,
0.5187


 28.9022, 0.4125,
0.4573


 3.1656, 0.4598,
0.5402

 41.7456, 0.4031,
0.4442

 1.2188, 0.4493,
0.5507

 57.9216, 0.3951,
0.4332

 0.0770, 0.0000,
1.0000


 77.8145, 0.3882,
0.4241


 0.0000, 0.0000,
0.0000


 101.8087, 0.3824,
0.4163


 130.2886, 0.3773,

0.4097


 163.6385, 0.3729,
0.4039


 11.6752, 0.4358,
0.4922


 11.6752, 0.4358,
0.4922


 11.6758, 0.4358,
0.4922

 11.8850, 0.4295,
0.4866

 12.1053, 0.4220,
0.4790

 12.3449, 0.4120,
0.4674

 12.6058, 0.4001,
0.4524

 12.8896, 0.3865,
0.4344

■ 13.1978, 0.3719,
0.4144

■ 13.5319, 0.3568,
0.3932

■ 13.8929, 0.3417,
0.3715

■ 14.2821, 0.3269,
0.3499

Harmonies

Analogous

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



11.6752, 0.5019, 0.4223



11.6752, 0.4358, 0.4922



11.6752, 0.3442, 0.5275

Triad

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



11.6752, 0.4358, 0.4922



11.6752, 0.1447, 0.2544



11.6752, 0.3543, 0.2265

Complementary

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



11.6752, 0.4358, 0.4922



1.2782, 0.1530, 0.0708

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.



11.6752, 0.2518, 0.1897



11.6752, 0.4358, 0.4922



11.6752, 0.1470, 0.1969

Square

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



11.6752, 0.4358, 0.4922



11.6752, 0.1778, 0.3589



11.6752, 0.1817, 0.1784



11.6752, 0.4594, 0.2832

Rectangle

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



11.6752, 0.4358, 0.4922



11.6752, 0.2800, 0.5051



11.6752, 0.1817, 0.1784



11.6752, 0.3176, 0.2116

Sweetspot

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



11.6758, 0.4358, 0.4922



24.1817, 0.3581, 0.3950



3.1488, 0.6206, 0.3193



5.8060, 0.3629, 0.4019



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.



11.6758, 0.4358, 0.4922



20.8170, 0.4363, 0.4918



11.6104, 0.3542, 0.5570



3.5377, 0.3254, 0.3477



14.1833, 0.4360, 0.4920



71.5924, 0.4370, 0.4912

Inverse Universe

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



1.2782, 0.1530, 0.0708



2.1910, 0.1523, 0.0681



1.5706, 0.1893, 0.0817



3.0664, 0.2997, 0.3096



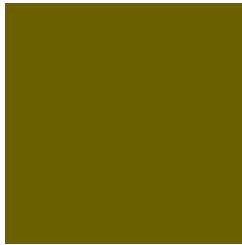
1.5296, 0.1527, 0.0698



7.1872, 0.1514, 0.0649

Previews

White Background



This preview shows how the Yxy color 11.6752, 0.4358, 0.4922 looks on a white background.

Color Contrast Check

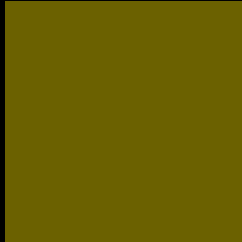
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.6752, 0.4358, 0.4922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

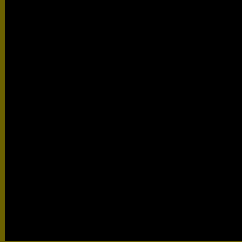
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.6752, 0.4358, 0.4922

Background



This preview shows how black text looks on a background with the Yxy color 11.6752, 0.4358, 0.4922.



This preview shows how white text looks on a background with the Yxy color 11.6752, 0.4358, 0.4922.

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

11.6752, 0.4358, 0.4922

Protanopia

11.6170, 0.4408, 0.4882

Deuteranopia

11.5762, 0.4629, 0.4580



Tritanopia

11.6861, 0.3393, 0.3141

Trichromacy



Original Color

11.6752, 0.4358, 0.4922

Protanomaly

11.5539, 0.4392, 0.4895

Deuteranomaly

11.5592, 0.4538, 0.4700

Tritanomaly

11.5560, 0.3899, 0.3973

Monochromacy



Original Color

11.6752, 0.4358, 0.4922

Achromatopsia

9.9899, 0.3127, 0.3290

Achromatomaly

10.4365, 0.3724, 0.4139

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.6752, 0.4358, 0.4922 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(107, 97, 0)` looks like.

```
.text, #text, p{  
    color:rgb(107, 97, 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(107, 97, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 97, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.6752, 0.4358, 0.4922 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(107, 97, 0) }
```

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

```
.border{ border-color:rgb(107, 97, 0) }
```

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

Here you see how a box with a 4 pixel rgb(107, 97, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 97, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 97, 0);  
box-shadow:4px 4px 4px 4px rgb(107, 97, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.6752, 0.4358, 0.4922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 97, 0) }
```

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

```
.background{ background-color: rgb(107, 97,  
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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