

Converting Colors

$Y_{xy}(11.0903, 0.4726, 0.4912)$

Have a look what the booklet for
Yxy(11.0903, 0.4726, 0.4912)
contains.

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Color

Yxy(11.1270, 0.4597, 0.4732)

Conversions

Conversions Part 1

Format	Color
Hex	735B00
RGB	115, 91, 0
RGB Percent	45%, 36%, 0%
CMY	0.5491, 0.6431, 1.0000
CMYK	0.00, 0.21, 1.00, 0.55
HSL	47°, 100%, 23%
HSV	47°, 100%, 45%
XYZ	10.8096, 11.1270, 1.5778
YIQ	87.8020, 43.5150, -23.2130

Conversions

Conversions Part 2

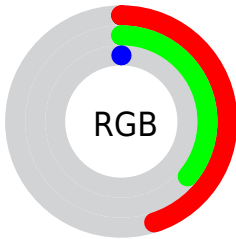
Format	Color
R_YB	30, 115, 0
Decimal	7559936
CIE Lab	39.79, 1.76, 47.44
CIE LCh	40, 47.469, 87.877
Yxy	11.1270, 0.4597, 0.4732
Android (android.graphics.Color)	4285750016 (0xFF735B00)
YUV	87.8020, -43.2864, 23.8526
Hunter-Lab	33.3572, -0.5312, 20.5456

Details

The Yxy color **11.1270, 0.4597, 0.4732** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.8895, 0.1575, 0.0870**, and the grayscale version is **9.8026, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.0031, 0.4301, 0.4451**, and **2.9781, 0.4659, 0.4682** is the 20% darker color. If you saturate the color by 10%, you get **11.1276, 0.4597, 0.4732**, and if you desaturate by 10%, it is **11.5694, 0.4499, 0.4697**.

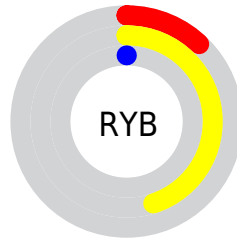
Distribution



Red (45%)

Green (36%)

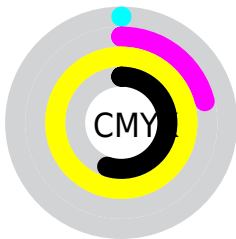
Blue (0%)



Red (12%)

Yellow (45%)

Blue (0%)

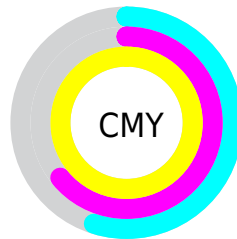


Cyan (0%)

Magenta (21%)

Yellow (100%)

Black (55%)



Cyan (55%)


Magenta (64%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.1270, 0.4597, 0.4732 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 11.1270, 0.4597, 0.4732 by changing the saturation by 10% instead.


 11.1270, 0.4597,
0.4732

 11.1270, 0.4597,
0.4732


 198.5368, 0.3774,
0.3937


 6.1523, 0.4830,
0.4949

 27.8948, 0.4298,
0.4450


 2.9379, 0.4958,
0.5042

 40.4567, 0.4182,
0.4338


 1.0994, 0.4991,
0.5009

 56.3164, 0.4084,
0.4243

 0.0000, 1.0000,
0.0000


 75.8584, 0.4002,
0.4162


 0.0000, 0.0000,
0.0000


 99.4670, 0.3932,
0.4093


 127.5267, 0.3871,


0.4034


 160.4218, 0.3819,
0.3982


 11.1270, 0.4597,
0.4732


 11.1270, 0.4597,
0.4732

 11.1276, 0.4597,
0.4732

 11.5694, 0.4499,
0.4697

 12.0356, 0.4387,
0.4637

 12.5352, 0.4252,
0.4536

 13.0705, 0.4098,
0.4399

 13.6437, 0.3933,
0.4235

■ 14.2566, 0.3762,
0.4053

■ 14.9110, 0.3593,
0.3861

■ 15.6084, 0.3429,
0.3667

■ 16.3504, 0.3273,
0.3475

Harmonies

Analogous

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



11.1270, 0.5135, 0.4005



11.1270, 0.4597, 0.4732



11.1270, 0.3730, 0.5247

Triad

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



11.1270, 0.4597, 0.4732



11.1270, 0.1500, 0.2805



11.1270, 0.3214, 0.2127

Complementary

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



11.1270, 0.4597, 0.4732



1.8895, 0.1575, 0.0870

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.



11.1270, 0.2267, 0.1830



11.1270, 0.4597, 0.4732



11.1270, 0.1424, 0.2090

Square

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



11.1270, 0.4597, 0.4732



11.1270, 0.1950, 0.3965



11.1270, 0.1674, 0.1800



11.1270, 0.4314, 0.2645

Rectangle

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



11.1270, 0.4597, 0.4732



11.1270, 0.3083, 0.5216



11.1270, 0.1674, 0.1800



11.1270, 0.2864, 0.2000

Sweetspot

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



11.1276, 0.4597, 0.4732



26.6148, 0.3606, 0.3877



3.7134, 0.5934, 0.3042



6.2543, 0.3663, 0.3941



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.



11.1276, 0.4597, 0.4732



19.7405, 0.4609, 0.4722



14.0693, 0.3720, 0.5428



4.1429, 0.3258, 0.3457



12.6944, 0.4600, 0.4730



60.6026, 0.4626, 0.4709

Inverse Universe

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



1.8895, 0.1575, 0.0870



3.2157, 0.1565, 0.0833



1.5538, 0.1718, 0.0720



3.7023, 0.2995, 0.3117



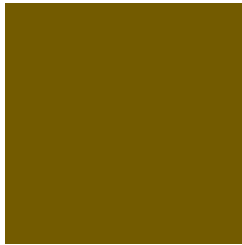
2.1327, 0.1573, 0.0861



9.3607, 0.1552, 0.0786

Previews

White Background



This preview shows how the Yxy color 11.1270, 0.4597, 0.4732 looks on a white background.

Color Contrast Check

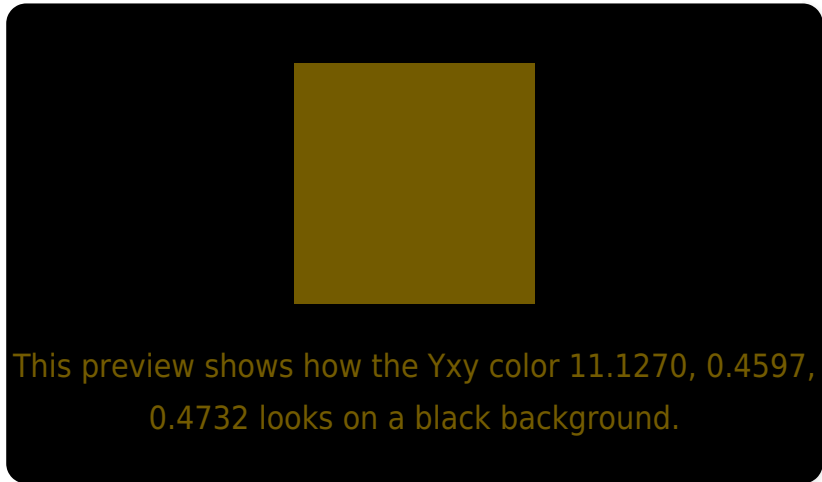
Large Text (above 18pt) WCAG AA ✓ Pass

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

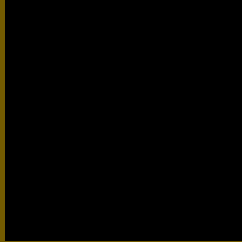
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.1270, 0.4597, 0.4732

Background



This preview shows how black text looks on a background with the Yxy color 11.1270, 0.4597, 0.4732.



This preview shows how white text looks on a background with the Yxy color 11.1270, 0.4597, 0.4732.

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

11.1270, 0.4597, 0.4732

Protanopia

11.0805, 0.4372, 0.4858

Deuteranopia

11.0820, 0.4665, 0.4608



Tritanopia

11.2454, 0.3627, 0.3166

Trichromacy



Original Color

11.1270, 0.4597, 0.4732

Protanomaly

11.0865, 0.4449, 0.4818

Deuteranomaly

11.1726, 0.4644, 0.4654

Tritanomaly

10.9734, 0.4140, 0.3902

Monochromacy



Original Color

11.1270, 0.4597, 0.4732

Achromatopsia

9.7587, 0.3127, 0.3290

Achromatomaly

10.0270, 0.3800, 0.4087

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1270, 0.4597, 0.4732 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(115, 91, 0)` looks like.

```
.text, #text, p{  
    color:rgb(115, 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(115, 91, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 91, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.1270, 0.4597, 0.4732 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(115, 91, 0) }
```

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

```
.border{ border-color:rgb(115, 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(115, 91, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 91, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 91, 0);  
box-shadow:4px 4px 4px 4px rgb(115, 91, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.1270, 0.4597, 0.4732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 91, 0) }
```

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

```
.background{ background-color: rgb(115, 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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