

Converting Colors

$Y_{xy}(11.6546, 0.4419, 0.4873)$

Have a look what the booklet for
Yxy(11.6546, 0.4419, 0.4873)
contains.

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Color

Yxy(11.6807, 0.4424, 0.4869)

Conversions

Conversions Part 1

Format	Color
Hex	6E6000
RGB	110, 96, 0
RGB Percent	43%, 38%, 0%
CMY	0.5686, 0.6235, 0.9999
CMYK	0.00, 0.13, 1.00, 0.57
HSL	52°, 100%, 22%
HSV	52°, 100%, 43%
XYZ	10.6131, 11.6807, 1.6961
YIQ	89.2420, 39.1600, -26.8880

Conversions

Conversions Part 2

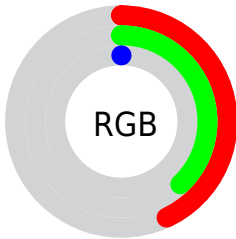
Format	Color
R_{YB}	16, 110, 0
Decimal	7233536
CIE Lab	40.70, -3.64, 47.82
CIE LCh	41, 47.955, 94.356
Yxy	11.6807, 0.4424, 0.4869
Android (android.graphics.Color)	4285423616 (0xFF6E6000)
YUV	89.2420, -43.9963, 18.2048
Hunter-Lab	34.1770, -4.3794, 20.9816

Details

The Yxy color **11.6807, 0.4424, 0.4869** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.4408, 0.1541, 0.0747**, and the grayscale version is **10.1406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.8626, 0.4176, 0.4538**, and **3.1807, 0.4420, 0.4872** is the 20% darker color. If you saturate the color by 10%, you get **11.6804, 0.4424, 0.4869**, and if you desaturate by 10%, it is **11.9632, 0.4352, 0.4819**.

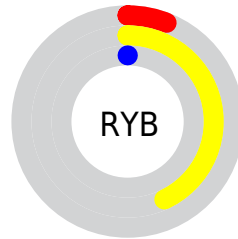
Distribution



Red (43%)

Green (38%)

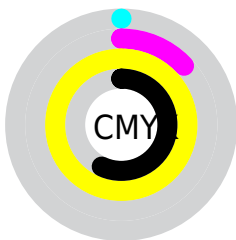
Blue (0%)



Red (6%)

Yellow (43%)

Blue (0%)

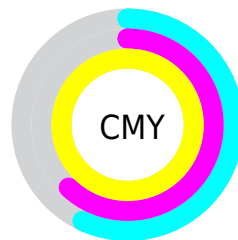


Cyan (0%)

Magenta (13%)

Yellow (100%)

Black (57%)



Cyan (57%)


Magenta (62%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.6807, 0.4424, 0.4869 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 11.6807, 0.4424, 0.4869 by changing the saturation by 10% instead.


 11.6807, 0.4424,
0.4869


 11.6807, 0.4424,
0.4869


 202.2798, 0.3715,
0.3976


 6.5267, 0.4603,
0.5116


 28.9122, 0.4174,
0.4540


 3.1679, 0.4699,
0.5301

 41.7585, 0.4074,
0.4414


 1.2200, 0.4632,
0.5368


 57.9376, 0.3989,
0.4309

 0.0779, 0.0000,
1.0000

 77.8339, 0.3917,
0.4220


 0.0000, 0.0000,
0.0000

 101.8320, 0.3855,
0.4145


 130.3160, 0.3802,


0.4081


 163.6705, 0.3755,
0.4025


 11.6807, 0.4424,
0.4869


 11.6807, 0.4424,
0.4869


 11.6804, 0.4424,
0.4869

 11.9632, 0.4352,
0.4819

 12.2593, 0.4267,
0.4747

 12.5781, 0.4158,
0.4635

 12.9217, 0.4029,
0.4489

 13.2919, 0.3885,
0.4313

■ 13.6903, 0.3732,
0.4118

■ 14.1184, 0.3575,
0.3911

■ 14.5774, 0.3420,
0.3701

■ 15.0687, 0.3270,
0.3492

Harmonies

Analogous

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



11.6807, 0.5052, 0.4162



11.6807, 0.4424, 0.4869



11.6807, 0.3522, 0.5269

Triad

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



11.6807, 0.4424, 0.4869



11.6807, 0.1462, 0.2614



11.6807, 0.3451, 0.2228

Complementary

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



11.6807, 0.4424, 0.4869



1.4408, 0.1541, 0.0747

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.



11.6807, 0.2447, 0.1879



11.6807, 0.4424, 0.4869



11.6807, 0.1458, 0.2002

Square

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



11.6807, 0.4424, 0.4869



11.6807, 0.1825, 0.3690



11.6807, 0.1778, 0.1789



11.6807, 0.4517, 0.2781

Rectangle

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



11.6807, 0.4424, 0.4869



11.6807, 0.2878, 0.5099



11.6807, 0.1778, 0.1789



11.6807, 0.3089, 0.2085

Sweetspot

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



11.6813, 0.4424, 0.4869



24.7316, 0.3588, 0.3929



3.3492, 0.6141, 0.3157



5.6995, 0.3637, 0.3994



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.



11.6813, 0.4424, 0.4869



20.3950, 0.4431, 0.4864



12.4414, 0.3591, 0.5530



3.8474, 0.3256, 0.3472



14.0039, 0.4427, 0.4867



68.8846, 0.4441, 0.4856

Inverse Universe

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



1.4408, 0.1541, 0.0747



2.4153, 0.1533, 0.0717



1.5847, 0.1838, 0.0786



3.3626, 0.2996, 0.3101



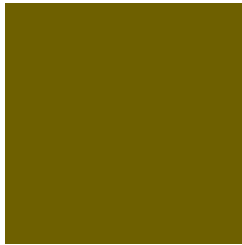
1.7012, 0.1538, 0.0736



7.7421, 0.1522, 0.0679

Previews

White Background



This preview shows how the Yxy color 11.6807, 0.4424, 0.4869 looks on a white background.

Color Contrast Check

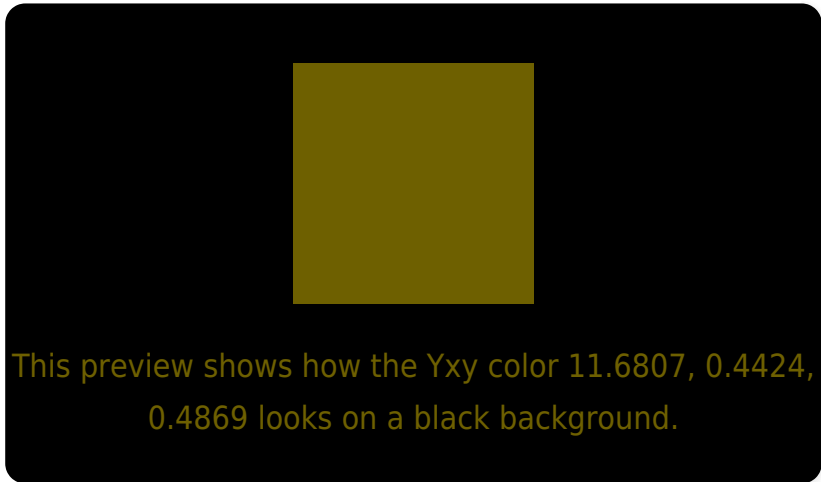
Large Text (above 18pt) WCAG AA ✓ Pass

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

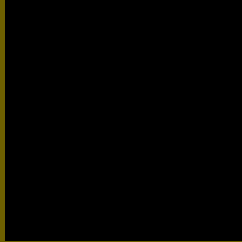
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.6807, 0.4424, 0.4869

Background



This preview shows how black text looks on a background with the Yxy color 11.6807, 0.4424, 0.4869.



This preview shows how white text looks on a background with the Yxy color 11.6807, 0.4424, 0.4869.

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

11.6807, 0.4424, 0.4869

Protanopia

11.8050, 0.4382, 0.4883

Deuteranopia

11.6463, 0.4649, 0.4576



Tritanopia

11.6341, 0.3444, 0.3142

Trichromacy



Original Color

11.6807, 0.4424, 0.4869

Protanomaly

11.8028, 0.4386, 0.4890

Deuteranomaly

11.6978, 0.4569, 0.4677

Tritanomaly

11.5019, 0.3957, 0.3965

Monochromacy



Original Color

11.6807, 0.4424, 0.4869

Achromatopsia

9.9899, 0.3127, 0.3290

Achromatomaly

10.4911, 0.3741, 0.4133

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.6807, 0.4424, 0.4869 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(110, 96, 0)` looks like.

```
.text, #text, p{  
    color:rgb(110, 96, 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(110, 96, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 96, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.6807, 0.4424, 0.4869 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(110, 96, 0) }
```

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

```
.border{ border-color:rgb(110, 96, 0) }
```

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

Here you see how a box with a 4 pixel rgb(110, 96, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 96, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 96, 0);  
box-shadow:4px 4px 4px 4px rgb(110, 96, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.6807, 0.4424, 0.4869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 96, 0) }
```

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

```
.background{ background-color: rgb(110, 96,  
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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