

Converting Colors

$Y_{xy}(11.4738, 0.4323, 0.4996)$

Have a look what the booklet for
Yxy(11.4738, 0.4323, 0.4996)
contains.

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Color

Yxy(11.4924, 0.4309, 0.4960)

Conversions

Conversions Part 1

Format	Color
Hex	686100
RGB	104, 97, 0
RGB Percent	41%, 38%, 0%
CMY	0.5922, 0.6196, 0.9997
CMYK	0.00, 0.07, 1.00, 0.59
HSL	56°, 100%, 20%
HSV	56°, 100%, 41%
XYZ	9.9840, 11.4924, 1.6937
YIQ	88.0350, 35.3090, -28.6830

Conversions

Conversions Part 2

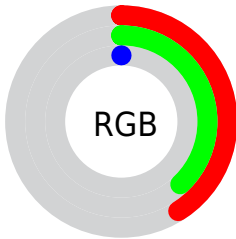
Format	Color
RYB	8, 104, 0
Decimal	6840576
CIELab	40.40, -7.18, 47.31
CIELCh	40, 47.853, 98.625
Yxy	11.4924, 0.4309, 0.4960
Android (android.graphics.Color)	4285030656 (0xFF686100)
YUV	88.0350, -43.4013, 14.0013
Hunter-Lab	33.9004, -6.7557, 20.7681

Details

The Yxy color **11.4924, 0.4309, 0.4960** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.1533, 0.1523, 0.0682**, and the grayscale version is **9.8597, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.4420, 0.4087, 0.4595**, and **3.1245, 0.4250, 0.5007** is the 20% darker color. If you saturate the color by 10%, you get **11.4920, 0.4309, 0.4960**, and if you desaturate by 10%, it is **11.6458, 0.4252, 0.4900**.

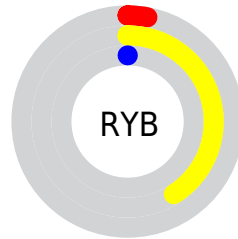
Distribution



Red (41%)

Green (38%)

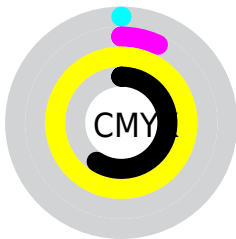
Blue (0%)



Red (3%)

Yellow (41%)

Blue (0%)

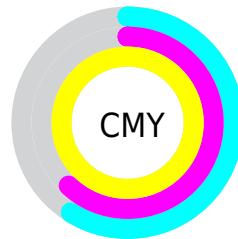


Cyan (0%)

Magenta (7%)

Yellow (100%)

Black (59%)



Cyan (59%)


Magenta (62%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.4924, 0.4309, 0.4960 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 11.4924, 0.4309, 0.4960 by changing the saturation by 10% instead.


 11.4924, 0.4309,
0.4960


 11.4924, 0.4309,
0.4960

 201.0152, 0.3670,
0.3996

 6.3991, 0.4465,
0.5243


 28.5672, 0.4088,
0.4595


 3.0892, 0.4523,
0.5477

 41.3174, 0.3998,
0.4459


 1.1785, 0.4387,
0.5613

 57.3887, 0.3921,
0.4347

 0.0440, 0.0000,
1.0000

 77.1655, 0.3855,
0.4253


 0.0000, 0.0000,
0.0000

 101.0321, 0.3799,
0.4173


 129.3730, 0.3750,

0.4105

 162.5726, 0.3707,
0.4047


 11.4924, 0.4309,
0.4960


 11.4924, 0.4309,
0.4960


 11.4920, 0.4309,
0.4960

 11.6458, 0.4252,
0.4900

 11.8076, 0.4183,
0.4820

 11.9866, 0.4091,
0.4701

 12.1846, 0.3978,
0.4548

 12.4029, 0.3849,
0.4365

■ 12.6431, 0.3708,
0.4162

■ 12.9064, 0.3561,
0.3945

■ 13.1939, 0.3413,
0.3724

■ 13.5067, 0.3267,
0.3503

Harmonies

Analogous

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



11.4924, 0.4994, 0.4268



11.4924, 0.4309, 0.4960



11.4924, 0.3384, 0.5276

Triad

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



11.4924, 0.4309, 0.4960



11.4924, 0.1437, 0.2495



11.4924, 0.3611, 0.2293

Complementary

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



11.4924, 0.4309, 0.4960



1.1533, 0.1523, 0.0682

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.



11.4924, 0.2570, 0.1910



11.4924, 0.4309, 0.4960



11.4924, 0.1480, 0.1947

Square

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



11.4924, 0.4309, 0.4960



11.4924, 0.1745, 0.3515



11.4924, 0.1847, 0.1781



11.4924, 0.4649, 0.2869

Rectangle

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



11.4924, 0.4309, 0.4960



11.4924, 0.2743, 0.5012



11.4924, 0.1847, 0.1781



11.4924, 0.3241, 0.2140

Sweetspot

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



11.4929, 0.4309, 0.4960



22.5989, 0.3575, 0.3965



2.9637, 0.6231, 0.3207



5.4779, 0.3620, 0.4033



55.4222, 0.3127, 0.3290



5.9254, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



11.4929, 0.4309, 0.4960



20.0973, 0.4313, 0.4958



10.8835, 0.3520, 0.5587



3.2380, 0.3252, 0.3481



14.1478, 0.4311, 0.4959



73.2787, 0.4318, 0.4953

Inverse Universe

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



1.1533, 0.1523, 0.0682



1.9511, 0.1517, 0.0660



1.5226, 0.1925, 0.0835



2.7906, 0.2999, 0.3092



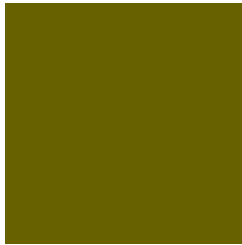
1.3998, 0.1520, 0.0673



6.8058, 0.1509, 0.0632

Previews

White Background



This preview shows how the Yxy color 11.4924, 0.4309, 0.4960 looks on a white background.

Color Contrast Check

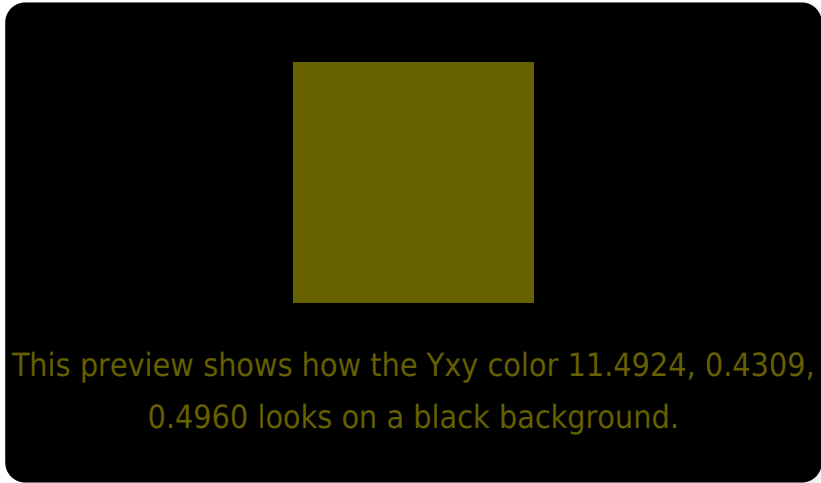
Large Text (above 18pt) WCAG AA ✓ Pass

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

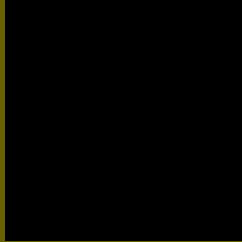
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.4924, 0.4309, 0.4960

Background



This preview shows how black text looks on a background with the Yxy color 11.4924, 0.4309, 0.4960.



This preview shows how white text looks on a background with the Yxy color 11.4924, 0.4309, 0.4960.

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

11.4924, 0.4309, 0.4960

Protanopia

11.5539, 0.4392, 0.4895

Deuteranopia

11.4063, 0.4647, 0.4564



Tritanopia

11.4904, 0.3344, 0.3138

Trichromacy



Original Color

11.4924, 0.4309, 0.4960

Protanomaly

11.4915, 0.4376, 0.4908

Deuteranomaly

11.4911, 0.4522, 0.4712

Tritanomaly

11.3646, 0.3848, 0.3987

Monochromacy



Original Color

11.4924, 0.4309, 0.4960

Achromatopsia

9.7587, 0.3127, 0.3290

Achromatomaly

10.1474, 0.3711, 0.4152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.4924, 0.4309, 0.4960 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(104, 97, 0)` looks like.

```
.text, #text, p{  
    color:rgb(104, 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(104, 97, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 97, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.4924, 0.4309, 0.4960 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(104, 97, 0) }
```

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

```
.border{ border-color:rgb(104, 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(104, 97, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 97, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 97, 0);  
box-shadow:4px 4px 4px 4px rgb(104, 97, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.4924, 0.4309, 0.4960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 97, 0) }
```

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

```
.background{ background-color: rgb(104, 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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