

Converting Colors

$Y_{xy}(15.3348, 0.4608, 0.5392)$

Have a look what the booklet for
Yxy(15.3348, 0.4608, 0.5392)
contains.

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Color

Yxy(15.5814, 0.4310, 0.4960)

Conversions

Conversions Part 1

Format	Color
Hex	787000
RGB	120, 112, 0
RGB Percent	47%, 44%, 0%
CMY	0.5294, 0.5608, 1.0000
CMYK	0.00, 0.07, 1.00, 0.53
HSL	56°, 100%, 24%
HSV	56°, 100%, 47%
XYZ	13.5395, 15.5814, 2.2932
YIQ	101.6240, 40.7200, -33.1360

Conversions

Conversions Part 2

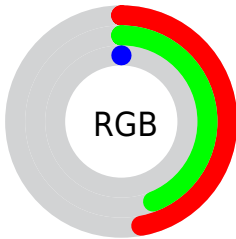
Format	Color
RYB	9, 120, 0
Decimal	7892992
CIELab	46.42, -7.92, 52.39
CIELCh	46, 52.985, 98.600
Yxy	15.5814, 0.4310, 0.4960
Android (android.graphics.Color)	4286083072 (0xFF787000)
YUV	101.6240, -50.1006, 16.1158
Hunter-Lab	39.4733, -7.8521, 24.1868

Details

The Yxy color **15.5814, 0.4310, 0.4960** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.5295, 0.1519, 0.0668**, and the grayscale version is **13.3093, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.7723, 0.4116, 0.4620**, and **4.9739, 0.4240, 0.5015** is the 20% darker color. If you saturate the color by 10%, you get **15.5822, 0.4310, 0.4960**, and if you desaturate by 10%, it is **15.7859, 0.4259, 0.4910**.

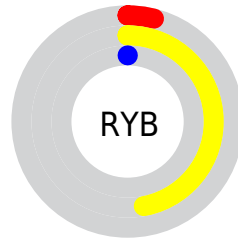
Distribution



Red (47%)

Green (44%)

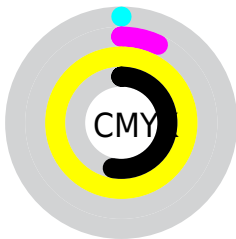
Blue (0%)



Red (4%)

Yellow (47%)

Blue (0%)

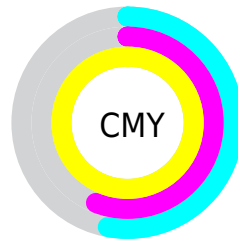


Cyan (0%)

Magenta (7%)

Yellow (100%)

Black (53%)



Cyan (53%)


Magenta (56%)

Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 15.5814, 0.4310, 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 15.5814, 0.4310, 0.4960 by changing the saturation by 10% instead.


 15.5814, 0.4310,
0.4960


 15.5814, 0.4310,
0.4960


 226.8588, 0.3703,
0.4040


 9.2284, 0.4418,
0.5174


 35.8700, 0.4108,
0.4625


 4.8905, 0.4542,
0.5458

 50.5743, 0.4023,
0.4496

 2.1831, 0.4438,
0.5562

 68.8313, 0.3950,
0.4388

 0.7108, 0.4042,
0.5958

 91.0252, 0.3886,
0.4296


 0.0000, 0.0000,
0.0000

 117.5406, 0.3831,
0.4218


 148.7617, 0.3783,


0.4150

 185.0730, 0.3740,
0.4091


 15.5814, 0.4310,
0.4960


 15.5814, 0.4310,
0.4960


 15.5822, 0.4310,
0.4960

 15.7859, 0.4259,
0.4910

 16.0040, 0.4193,
0.4834

 16.2458, 0.4103,
0.4718

 16.5137, 0.3990,
0.4566

 16.8100, 0.3860,
0.4383

■ 17.1366, 0.3718,
0.4177

■ 17.4955, 0.3569,
0.3958

■ 17.8881, 0.3418,
0.3733

■ 18.3161, 0.3270,
0.3508

Harmonies

Analogous

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



15.5814, 0.4995, 0.4267



15.5814, 0.4310, 0.4960



15.5814, 0.3385, 0.5277

Triad

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



15.5814, 0.4310, 0.4960



15.5814, 0.1437, 0.2495



15.5814, 0.3610, 0.2292

Complementary

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



15.5814, 0.4310, 0.4960



1.5295, 0.1519, 0.0668

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.



15.5814, 0.2569, 0.1910



15.5814, 0.4310, 0.4960



15.5814, 0.1479, 0.1947

Square

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



15.5814, 0.4310, 0.4960



15.5814, 0.1745, 0.3516



15.5814, 0.1847, 0.1781



15.5814, 0.4649, 0.2868

Rectangle

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



15.5814, 0.4310, 0.4960



15.5814, 0.2743, 0.5013



15.5814, 0.1847, 0.1781



15.5814, 0.3240, 0.2139

Sweetspot

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



15.5822, 0.4310, 0.4960



30.7250, 0.3580, 0.3974



4.0104, 0.6285, 0.3236



7.2293, 0.3631, 0.4050



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



15.5822, 0.4310, 0.4960



27.3321, 0.4313, 0.4958



14.6610, 0.3485, 0.5615



4.5904, 0.3257, 0.3488



16.9923, 0.4310, 0.4960



80.5613, 0.4317, 0.4954

Inverse Universe

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



1.5295, 0.1519, 0.0668



2.6100, 0.1514, 0.0651



2.0860, 0.1937, 0.0841



3.9325, 0.2994, 0.3084



1.6600, 0.1518, 0.0665



7.4520, 0.1509, 0.0630

Previews

White Background



This preview shows how the Yxy color 15.5814, 0.4310, 0.4960 looks on a white background.

Color Contrast Check

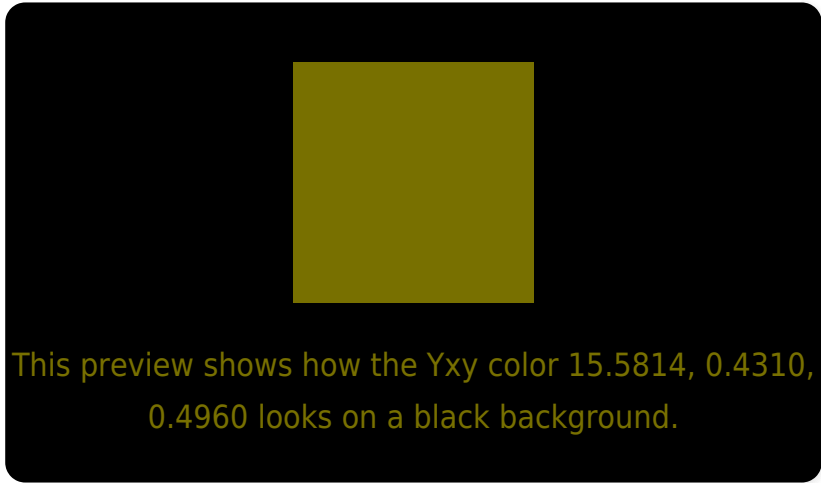
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.5814, 0.4310, 0.4960

Background



This preview shows how black text looks on a background with the Yxy color 15.5814, 0.4310, 0.4960.



This preview shows how white text looks on a background with the Yxy color 15.5814, 0.4310, 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

15.5814, 0.4310, 0.4960

Protanopia

15.4369, 0.4399, 0.4889

Deuteranopia

15.4241, 0.4653, 0.4575



Tritanopia

15.5825, 0.3348, 0.3137

Trichromacy



Original Color

15.5814, 0.4310, 0.4960

Protanomaly

15.5798, 0.4369, 0.4913

Deuteranomaly

15.4428, 0.4527, 0.4714

Tritanomaly

15.2554, 0.3861, 0.4005

Monochromacy



Original Color

15.5814, 0.4310, 0.4960

Achromatopsia

13.2868, 0.3127, 0.3290

Achromatomaly

13.9409, 0.3718, 0.4175

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.5814, 0.4310, 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(120, 112, 0)` looks like.

```
.text, #text, p{  
    color:rgb(120, 112, 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(120, 112, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 112, 0) }
```

Border

The CSS property to change the border of an element to Yxy 15.5814, 0.4310, 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(120, 112, 0) }
```

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

```
.border{ border-color:rgb(120, 112, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 112, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 112, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 112, 0);  
box-shadow:4px 4px 4px 4px rgb(120, 112,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 15.5814, 0.4310, 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(120, 112, 0) }
```

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

```
.background{ background-color: rgb(120,  
112, 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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