

Converting Colors

$Y_{xy}(15.5128, 0.4409, 0.4761)$

Have a look what the booklet for
Yxy(15.5128, 0.4409, 0.4761)
contains.

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Color

Yxy(15.4838, 0.4405, 0.4768)

Conversions

Conversions Part 1

Format	Color
Hex	7F6D0F
RGB	127, 109, 15
RGB Percent	50%, 43%, 6%
CMY	0.5020, 0.5725, 0.9413
CMYK	0.00, 0.14, 0.88, 0.50
HSL	50°, 79%, 28%
HSV	50°, 88%, 50%
XYZ	14.3050, 15.4838, 2.6856
YIQ	103.6660, 40.9020, -25.4180

Conversions

Conversions Part 2

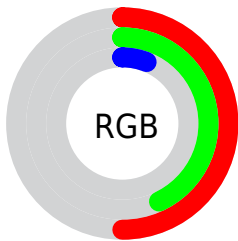
Format	Color
R_{YB}	36, 127, 15
Decimal	8350991
CIE Lab	46.29, -2.53, 49.18
CIE LCh	46, 49.243, 92.943
Yxy	15.4838, 0.4405, 0.4768
Android (android.graphics.Color)	4286541071 (0xFF7F6D0F)
YUV	103.6660, -43.7123, 20.4639
Hunter-Lab	39.3495, -3.9702, 23.4980

Details

The Yxy color **15.4838, 0.4405, 0.4768** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2.7179, 0.1653, 0.0983**, and the grayscale version is **13.8595, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.6386, 0.4169, 0.4479**, and **4.9011, 0.4478, 0.4827** is the 20% darker color. If you saturate the color by 10%, you get **15.0254, 0.4483, 0.4805**, and if you desaturate by 10%, it is **15.9722, 0.4306, 0.4697**.

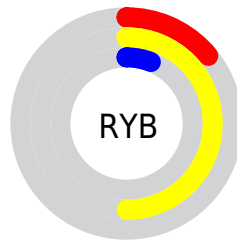
Distribution



Red (50%)

Green (43%)

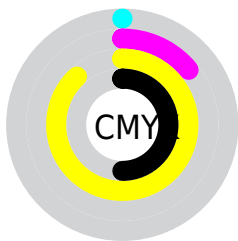
Blue (6%)



Red (14%)

Yellow (50%)

Blue (6%)

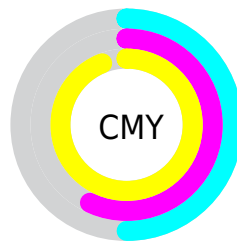


Cyan (0%)

Magenta (14%)

Yellow (88%)

Black (50%)



Cyan (50%)


Magenta (57%)


Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 15.4838, 0.4405, 0.4768 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 15.4838, 0.4405, 0.4768 by changing the saturation by 10% instead.


 15.4838, 0.4405,
0.4768


 15.4838, 0.4405,
0.4768


 226.2761, 0.3722,
0.3962


 9.1596, 0.4546,
0.4948


 35.6997, 0.4164,
0.4476


 4.8454, 0.4768,
0.5232

 50.3602, 0.4069,
0.4364

 2.1569, 0.4736,
0.5264

 68.5683, 0.3988,
0.4269

 0.6963, 0.4629,
0.5371

 90.7084, 0.3919,
0.4188


 0.0000, 0.0000,
0.0000


 117.1648, 0.3859,
0.4119


 148.3220, 0.3807,

0.4060


 184.5643, 0.3762,
0.4008

 15.4838, 0.4405,
0.4768

 15.4838, 0.4405,
0.4768


 15.0254, 0.4483,
0.4805

 15.9722, 0.4306,
0.4697

 14.9443, 0.4497,
0.4812

 16.4956, 0.4184,
0.4585

 17.0577, 0.4042,
0.4437

 17.6610, 0.3886,
0.4261

 18.3079, 0.3724,
0.4067

■ 19.0005, 0.3560,
0.3863

■ 19.7406, 0.3400,
0.3656

■ 20.5301, 0.3246,
0.3452

■ 21.3707, 0.3102,
0.3255

Harmonies

Analogous

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



15.4838, 0.4966, 0.4108



15.4838, 0.4405, 0.4768



15.4838, 0.3562, 0.5136

Triad

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



15.4838, 0.4405, 0.4768



15.4838, 0.1556, 0.2703



15.4838, 0.3387, 0.2263

Complementary

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



15.4838, 0.4405, 0.4768



2.7179, 0.1653, 0.0983

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.



15.4838, 0.2452, 0.1940



15.4838, 0.4405, 0.4768



15.4838, 0.1533, 0.2095

Square

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



15.4838, 0.4405, 0.4768



15.4838, 0.1929, 0.3724



15.4838, 0.1827, 0.1869



15.4838, 0.4388, 0.2787

Rectangle

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



15.4838, 0.4405, 0.4768



15.4838, 0.2950, 0.4990



15.4838, 0.1827, 0.1869



15.4838, 0.3049, 0.2130

Sweetspot

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



15.4845, 0.4405, 0.4768



34.2413, 0.3534, 0.3830



4.9650, 0.5706, 0.3078



7.9300, 0.3581, 0.3889



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



15.4845, 0.4405, 0.4768



26.5909, 0.4505, 0.4805



17.3640, 0.3659, 0.5360



4.9057, 0.3260, 0.3470



15.0751, 0.4497, 0.4811



0.0000, 0.0000, 0.0000

Inverse Universe

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



2.7179, 0.1653, 0.0983



3.5093, 0.1541, 0.0747



2.6112, 0.1917, 0.0922



4.3146, 0.2993, 0.3104



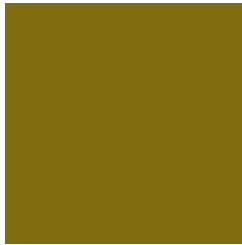
2.0619, 0.1549, 0.0775



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 15.4838, 0.4405, 0.4768 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 15.4838, 0.4405, 0.4768 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 15.4838, 0.4405, 0.4768

Background



This preview shows how black text looks on a background with the Yxy color 15.4838, 0.4405, 0.4768.



This preview shows how white text looks on a background with the Yxy color 15.4838, 0.4405, 0.4768.

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

15.4838, 0.4405, 0.4768

Protanopia

15.4714, 0.4347, 0.4813

Deuteranopia

15.4366, 0.4633, 0.4551



Tritanopia

15.3980, 0.3485, 0.3141

Trichromacy



Original Color

15.4838, 0.4405, 0.4768

Protanomaly

15.5463, 0.4361, 0.4802

Deuteranomaly

15.5026, 0.4551, 0.4625

Tritanomaly

15.2339, 0.3935, 0.3848

Monochromacy



Original Color

15.4838, 0.4405, 0.4768

Achromatopsia

13.8432, 0.3127, 0.3290

Achromatomaly

14.2207, 0.3672, 0.4015

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.4838, 0.4405, 0.4768 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(127, 109, 15)` looks like.

```
.text, #text, p{  
    color:rgb(127, 109, 15)  
}
```

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(127, 109, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 109, 15) }
```

Border

The CSS property to change the border of an element to Yxy 15.4838, 0.4405, 0.4768 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(127, 109, 15) }
```

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

```
.border{ border-color:rgb(127, 109, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 109, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 109, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 109, 15);  
box-shadow:4px 4px 4px 4px rgb(127, 109,  
15) }
```


Background

The CSS property to change the background color of an element to Yxy 15.4838, 0.4405, 0.4768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 109, 15) }
```

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

```
.background{ background-color: rgb(127,  
109, 15) }
```

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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