

Converting Colors

$Y_{xy}(14.6045, 0.4365, 0.4828)$

Have a look what the booklet for
Yxy(14.6045, 0.4365, 0.4828)
contains.

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Color

Yxy(14.6045, 0.4365, 0.4828)

Conversions

Conversions Part 1

Format	Color
Hex	796B0B
RGB	121, 107, 11
RGB Percent	47%, 42%, 4%
CMY	0.5255, 0.5804, 0.9566
CMYK	0.00, 0.12, 0.91, 0.53
HSL	52°, 83%, 26%
HSV	52°, 91%, 47%
XYZ	13.2039, 14.6045, 2.4411
YIQ	100.2420, 39.1600, -26.8880

Conversions

Conversions Part 2

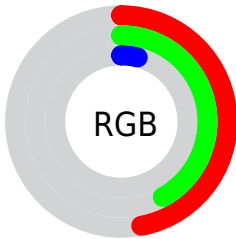
Format	Color
R_{YB}	27, 121, 11
Decimal	7957259
CIE Lab	45.09, -4.35, 48.93
CIE LCh	45, 49.122, 95.085
Yxy	14.6045, 0.4365, 0.4828
Android (android.graphics.Color)	4286147339 (0xFF796B0B)
YUV	100.2420, -43.9963, 18.2048
Hunter-Lab	38.2158, -5.2042, 22.9638

Details

The Yxy color **14.6045, 0.4365, 0.4828** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2.1498, 0.1615, 0.0882**, and the grayscale version is **12.9183, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.2061, 0.4137, 0.4510**, and **4.4969, 0.4414, 0.4877** is the 20% darker color. If you saturate the color by 10%, you get **14.2897, 0.4427, 0.4867**, and if you desaturate by 10%, it is **14.9676, 0.4283, 0.4763**.

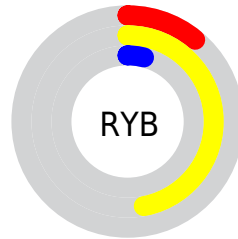
Distribution



Red (47%)

Green (42%)

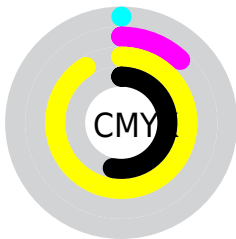
Blue (4%)



Red (11%)

Yellow (47%)

Blue (4%)

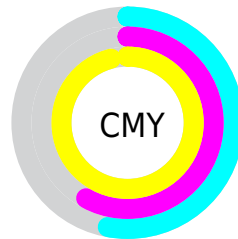


Cyan (0%)

Magenta (12%)

Yellow (91%)

Black (53%)



Cyan (53%)

Magenta (58%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.6045, 0.4365, 0.4828 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 14.6045, 0.4365, 0.4828 by changing the saturation by 10% instead.

■ 14.6045, 0.4365,
0.4828

■ 14.6045, 0.4365,
0.4828

■ 220.9597, 0.3704,
0.3976

■ 8.5423, 0.4499,
0.5025

■ 34.1578, 0.4134,
0.4516

■ 4.4439, 0.4687,
0.5313

■ 48.4178, 0.4041,
0.4397

■ 1.9248, 0.4626,
0.5374

■ 66.1791, 0.3963,
0.4297

■ 0.5632, 0.4324,
0.5676

■ 87.8261, 0.3895,
0.4212


■ 0.0000, 0.0000,
0.0000


■ 113.7433, 0.3837,
0.4140


■ 144.3150, 0.3787,

0.4078


 179.9257, 0.3743,
0.4024


 14.6045, 0.4365,
0.4828


 14.6045, 0.4365,
0.4828

 14.2897, 0.4427,
0.4867

 14.9676, 0.4283,
0.4763

 15.3580, 0.4177,
0.4656

 15.7790, 0.4050,
0.4513

 16.2330, 0.3906,
0.4340

 16.7220, 0.3752,
0.4145

■ 17.2479, 0.3594,
0.3937

■ 17.8125, 0.3437,
0.3724

■ 18.4172, 0.3284,
0.3512

■ 19.0637, 0.3139,
0.3307

Harmonies

Analogous

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



14.6045, 0.4966, 0.4163



14.6045, 0.4365, 0.4828



14.6045, 0.3497, 0.5171

Triad

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



14.6045, 0.4365, 0.4828



14.6045, 0.1522, 0.2633



14.6045, 0.3465, 0.2281

Complementary

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



14.6045, 0.4365, 0.4828



2.1498, 0.1615, 0.0882

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.



14.6045, 0.2499, 0.1937



14.6045, 0.4365, 0.4828



14.6045, 0.1523, 0.2049

Square

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



14.6045, 0.4365, 0.4828



14.6045, 0.1870, 0.3646



14.6045, 0.1842, 0.1845



14.6045, 0.4472, 0.2822

Rectangle

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



14.6045, 0.4365, 0.4828



14.6045, 0.2879, 0.4984



14.6045, 0.1842, 0.1845



14.6045, 0.3119, 0.2141

Sweetspot

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



14.6052, 0.4365, 0.4828



31.1991, 0.3544, 0.3869



4.3792, 0.5874, 0.3141



7.0737, 0.3586, 0.3926



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.



14.6052, 0.4365, 0.4828



25.4462, 0.4433, 0.4862



15.4356, 0.3607, 0.5424



4.5510, 0.3258, 0.3475



15.3014, 0.4428, 0.4866



72.1231, 0.4442, 0.4855

Inverse Universe

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



2.1498, 0.1615, 0.0882



2.9772, 0.1530, 0.0708



2.3346, 0.1938, 0.0913



3.9683, 0.2994, 0.3098



1.8474, 0.1537, 0.0731



8.0980, 0.1522, 0.0679

Previews

White Background



This preview shows how the Yxy color 14.6045, 0.4365, 0.4828 looks on a white background.

Color Contrast Check

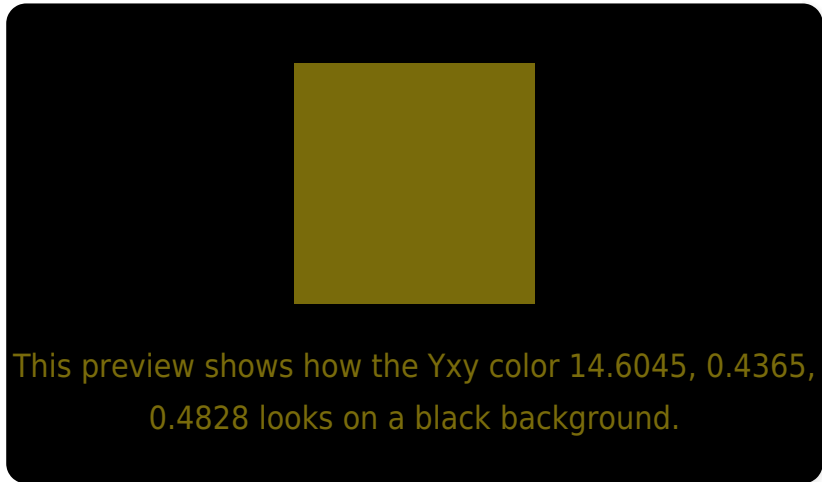
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.6045, 0.4365, 0.4828

Background



This preview shows how black text looks on a background with the Yxy color 14.6045, 0.4365, 0.4828.



This preview shows how white text looks on a background with the Yxy color 14.6045, 0.4365, 0.4828.

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

14.6045, 0.4365, 0.4828

Protanopia

14.6045, 0.4365, 0.4828

Deuteranopia

14.4987, 0.4638, 0.4560



Tritanopia

14.4972, 0.3432, 0.3135

Trichromacy



Original Color

14.6045, 0.4365, 0.4828

Protanomaly

14.6045, 0.4365, 0.4828

Deuteranomaly

14.4808, 0.4544, 0.4652

Tritanomaly

14.3306, 0.3902, 0.3889

Monochromacy



Original Color

14.6045, 0.4365, 0.4828

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

13.3060, 0.3684, 0.4059

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.6045, 0.4365, 0.4828 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(121, 107, 11)` looks like.

```
.text, #text, p{  
    color:rgb(121, 107, 11)  
}
```

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(121, 107, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 107, 11) }
```

Border

The CSS property to change the border of an element to Yxy 14.6045, 0.4365, 0.4828 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(121, 107, 11) }
```

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

```
.border{ border-color:rgb(121, 107, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 107, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 107, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 107, 11);  
box-shadow:4px 4px 4px 4px rgb(121, 107,  
11) }
```


Background

The CSS property to change the background color of an element to Yxy 14.6045, 0.4365, 0.4828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 107, 11) }
```

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

```
.background{ background-color: rgb(121,  
107, 11) }
```

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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