

Converting Colors

$Y_{xy}(11.6267, 0.4610, 0.4374)$

Have a look what the booklet for
Yxy(11.6267, 0.4610, 0.4374)
contains.

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Color

Yxy(11.5886, 0.4615, 0.4370)

Conversions

Conversions Part 1

Format	Color
Hex	7D591C
RGB	125, 89, 28
RGB Percent	49%, 35%, 11%
CMY	0.5099, 0.6509, 0.8901
CMYK	0.00, 0.29, 0.78, 0.51
HSL	38°, 63%, 30%
HSV	38°, 78%, 49%
XYZ	12.2383, 11.5886, 2.6916
YIQ	92.8100, 41.0370, -11.3390

Conversions

Conversions Part 2

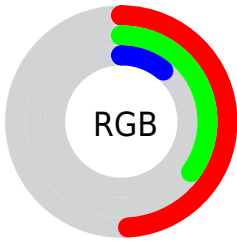
Format	Color
RYB	85, 125, 28
Decimal	8214812
CIELab	40.55, 8.71, 39.25
CIELCh	41, 40.202, 77.484
Yxy	11.5886, 0.4615, 0.4370
Android (android.graphics.Color)	4286404892 (0xFF7D591C)
YUV	92.8100, -31.9513, 28.2306
Hunter-Lab	34.0420, 4.5982, 19.1415

Details

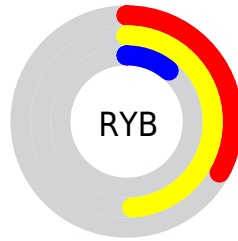
The Yxy color **11.5886, 0.4615, 0.4370** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **5.3943, 0.1907, 0.1711**, and the grayscale version is **10.9692, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.8108, 0.4274, 0.4161**, and **3.1791, 0.4978, 0.4429** is the 20% darker color. If you saturate the color by 10%, you get **10.7934, 0.4799, 0.4410**, and if you desaturate by 10%, it is **12.4584, 0.4411, 0.4287**.

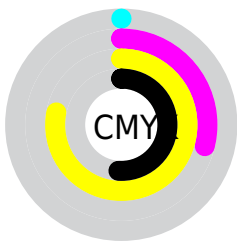
Distribution



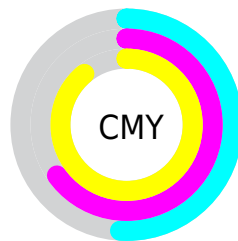
- Red (49%)
- Green (35%)
- Blue (11%)



- Red (33%)
- Yellow (49%)
- Blue (11%)



- Cyan (0%)
- Magenta (29%)
- Yellow (78%)
- Black (51%)





- Cyan (51%)
- Magenta (65%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.5886, 0.4615, 0.4370 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 11.5886, 0.4615, 0.4370 by changing the saturation by 10% instead.


 11.5886, 0.4615,
0.4370


 11.5886, 0.4615,
0.4370


201.6624, 0.3742,
0.3779


 6.4642, 0.4853,
0.4494


 28.7436, 0.4273,
0.4157


 3.1293, 0.5276,
0.4724

 41.5429, 0.4150,
0.4074

 1.1996, 0.5422,
0.4578

 57.6694, 0.4050,
0.4004

 0.0614, 0.8153,
0.1847


 77.5074, 0.3967,
0.3945


 0.0000, 0.0000,
0.0000


 101.4413, 0.3897,
0.3894


 129.8555, 0.3837,


0.3850

 163.1344, 0.3786,
0.3812


 11.5886, 0.4615,
0.4370


 11.5886, 0.4615,
0.4370


 10.7934, 0.4799,
0.4410


 12.4584, 0.4411,
0.4287

 10.0640, 0.4962,
0.4411

 13.4048, 0.4198,
0.4170

 9.8951, 0.5002,
0.4410

 14.4316, 0.3984,
0.4030

 15.5417, 0.3777,
0.3876

 16.7378, 0.3583,
0.3716

■ 18.0226, 0.3403,
0.3557

■ 19.3984, 0.3240,
0.3402

■ 20.8676, 0.3093,
0.3255

■ 22.4323, 0.2961,
0.3117

Harmonies

Analogous

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



11.5886, 0.4883, 0.3742



11.5886, 0.4615, 0.4370



11.5886, 0.3963, 0.4856

Triad

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



11.5886, 0.4615, 0.4370



11.5886, 0.1826, 0.3211



11.5886, 0.2904, 0.2166

Complementary

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



11.5886, 0.4615, 0.4370



5.3943, 0.1907, 0.1711

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.



11.5886, 0.2179, 0.1983



11.5886, 0.4615, 0.4370



11.5886, 0.1634, 0.2451

Square

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



11.5886, 0.4615, 0.4370



11.5886, 0.2355, 0.4195



11.5886, 0.1755, 0.2059



11.5886, 0.3819, 0.2567

Rectangle

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



11.5886, 0.4615, 0.4370



11.5886, 0.3420, 0.4941



11.5886, 0.1755, 0.2059



11.5886, 0.2632, 0.2078

Sweetspot

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



11.5892, 0.4615, 0.4370



30.8866, 0.3509, 0.3651



5.5744, 0.4683, 0.2655



6.8703, 0.3564, 0.3700



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



11.5892, 0.4615, 0.4370



18.3241, 0.4921, 0.4408



18.3036, 0.3944, 0.4999



4.7595, 0.3264, 0.3425



10.3160, 0.5004, 0.4409



0.0000, 0.0000, 0.0000

Inverse Universe

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



5.3943, 0.1907, 0.1711



6.8284, 0.1722, 0.1332



2.7498, 0.1814, 0.1004



4.4528, 0.2993, 0.3151



3.6031, 0.1676, 0.1235



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 11.5886, 0.4615, 0.4370 looks on a white background.

Color Contrast Check

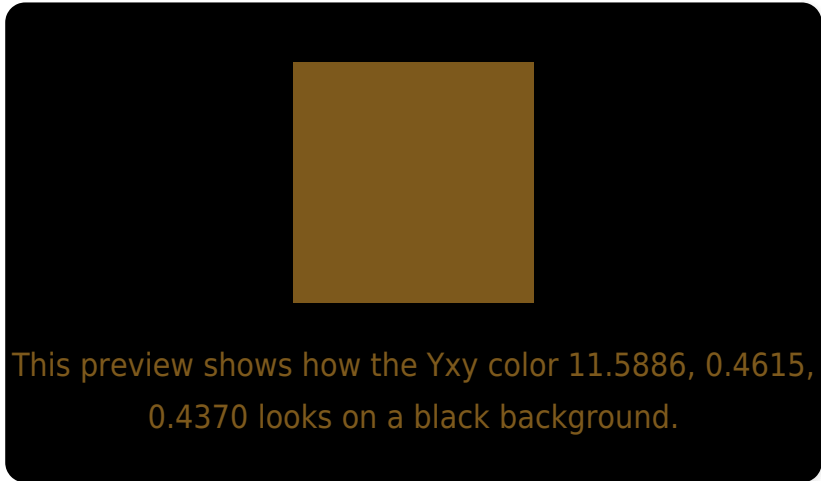
Large Text (above 18pt) WCAG AA ✓ Pass

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

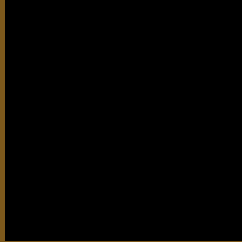
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.5886, 0.4615, 0.4370

Background



This preview shows how black text looks on a background with the Yxy color 11.5886, 0.4615, 0.4370.



This preview shows how white text looks on a background with the Yxy color 11.5886, 0.4615, 0.4370.

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

11.5886, 0.4615, 0.4370

Protanopia

11.6476, 0.4212, 0.4628

Deuteranopia

11.5544, 0.4513, 0.4463



Tritanopia

11.5749, 0.3824, 0.3173

Trichromacy



Original Color

11.5886, 0.4615, 0.4370

Protanomaly

11.4948, 0.4366, 0.4531

Deuteranomaly

11.5290, 0.4561, 0.4427

Tritanomaly

11.4914, 0.4180, 0.3649

Monochromacy



Original Color

11.5886, 0.4615, 0.4370

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

11.0872, 0.3697, 0.3821

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.5886, 0.4615, 0.4370 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(125, 89, 28)` looks like.

```
.text, #text, p{  
    color:rgb(125, 89, 28)  
}
```

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(125, 89, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 89, 28) }
```

Border

The CSS property to change the border of an element to Yxy 11.5886, 0.4615, 0.4370 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(125, 89, 28) }
```

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

```
.border{ border-color:rgb(125, 89, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 89, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 89, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 89, 28);  
box-shadow:4px 4px 4px 4px rgb(125, 89,  
28) }
```


Background

The CSS property to change the background color of an element to Yxy 11.5886, 0.4615, 0.4370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 89, 28) }
```

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

```
.background{ background-color: rgb(125, 89,  
28) }
```

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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