

Converting Colors

$Yxy(15.9376, 0.4639, 0.4605)$

Have a look what the booklet for
Yxy(15.9376, 0.4639, 0.4605)
contains.

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Color

Yxy(15.9126, 0.4642, 0.4604)

Conversions

Conversions Part 1

Format	Color
Hex	8C6A0D
RGB	140, 106, 13
RGB Percent	55%, 42%, 5%
CMY	0.4509, 0.5843, 0.9491
CMYK	0.00, 0.24, 0.91, 0.45
HSL	44°, 83%, 30%
HSV	44°, 91%, 55%
XYZ	16.0439, 15.9126, 2.6060
YIQ	105.5640, 50.1170, -21.7150

Conversions

Conversions Part 2

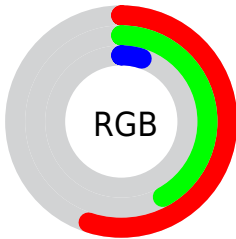
Format	Color
R_{YB}	59, 140, 13
Decimal	9202189
CIE _{Lab}	46.86, 5.38, 50.74
CIE _{LCh}	47, 51.026, 83.944
Yxy	15.9126, 0.4642, 0.4604
Android (android.graphics.Color)	4287392269 (0xFF8C6A0D)
YUV	105.5640, -45.6341, 30.2004
Hunter-Lab	39.8906, 1.9839, 24.0501

Details

The Yxy color **15.9126, 0.4642, 0.4604** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **4.0130, 0.1681, 0.1140**, and the grayscale version is **14.4048, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.4016, 0.4346, 0.4379**, and **5.0592, 0.4799, 0.4572** is the 20% darker color. If you saturate the color by 10%, you get **15.1819, 0.4746, 0.4613**, and if you desaturate by 10%, it is **16.7533, 0.4512, 0.4563**.

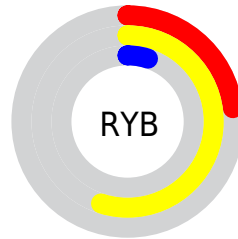
Distribution



Red (55%)

Green (42%)

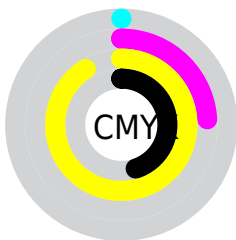
Blue (5%)



Red (23%)

Yellow (55%)

Blue (5%)

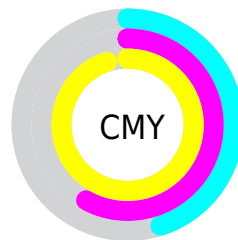


Cyan (0%)

Magenta (24%)

Yellow (91%)

Black (45%)



Cyan (45%)


Magenta (58%)


Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.9126, 0.4642, 0.4604 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 15.9126, 0.4642, 0.4604 by changing the saturation by 10% instead.


 15.9126, 0.4642,
0.4604


 15.9126, 0.4642,
0.4604


228.8254, 0.3824,
0.3926

 9.4623, 0.4822,
0.4730


 36.4464, 0.4349,
0.4374


 5.0440, 0.5088,
0.4912

 51.2987, 0.4235,
0.4280


 2.2731, 0.5153,
0.4847

 69.7205, 0.4138,
0.4199

 0.7594, 0.5291,
0.4709

 92.0962, 0.4056,
0.4128


 0.0000, 0.0000,
0.0000

 118.8101, 0.3985,
0.4067


 150.2467, 0.3924,


0.4014

 186.7904, 0.3871,
0.3967


 15.9126, 0.4642,
0.4604


 15.9126, 0.4642,
0.4604

 15.1819, 0.4746,
0.4613

 16.7533, 0.4512,
0.4563

 17.6583, 0.4356,
0.4478

 18.6327, 0.4182,
0.4354

 19.6803, 0.3998,
0.4201

 20.8043, 0.3811,
0.4028

■ 22.0079, 0.3627,
0.3846

■ 23.2937, 0.3452,
0.3660

■ 24.6645, 0.3289,
0.3478

■ 26.1227, 0.3138,
0.3302

Harmonies

Analogous

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



15.9126, 0.5086, 0.3904



15.9126, 0.4642, 0.4604



15.9126, 0.3840, 0.5128

Triad

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



15.9126, 0.4642, 0.4604



15.9126, 0.1596, 0.2959



15.9126, 0.3079, 0.2118

Complementary

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



15.9126, 0.4642, 0.4604



4.0130, 0.1681, 0.1140

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.



15.9126, 0.2207, 0.1862



15.9126, 0.4642, 0.4604



15.9126, 0.1474, 0.2206

Square

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



15.9126, 0.4642, 0.4604



15.9126, 0.2087, 0.4090



15.9126, 0.1676, 0.1872



15.9126, 0.4132, 0.2597

Rectangle

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



15.9126, 0.4642, 0.4604



15.9126, 0.3220, 0.5158



15.9126, 0.1676, 0.1872



15.9126, 0.2755, 0.2005

Sweetspot

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



15.9134, 0.4642, 0.4604



39.4903, 0.3571, 0.3787



6.0860, 0.5465, 0.2888



8.9477, 0.3624, 0.3842



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



15.9134, 0.4642, 0.4604



26.4856, 0.4760, 0.4602



22.2672, 0.3830, 0.5265



5.6222, 0.3264, 0.3449



13.5198, 0.4743, 0.4616



0.1140, 0.4444, 0.4853

Inverse Universe

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



4.0130, 0.1681, 0.1140



5.4922, 0.1591, 0.0927



2.6429, 0.1727, 0.0790



5.0961, 0.2991, 0.3125



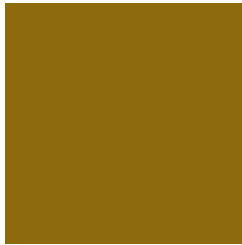
2.9148, 0.1603, 0.0969



0.0408, 0.1815, 0.1732

Previews

White Background



This preview shows how the Yxy color 15.9126, 0.4642, 0.4604 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 15.9126, 0.4642, 0.4604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

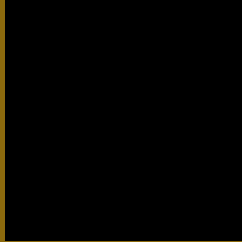
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.9126, 0.4642, 0.4604

Background



This preview shows how black text looks on a background with the Yxy color 15.9126, 0.4642, 0.4604.



This preview shows how white text looks on a background with the Yxy color 15.9126, 0.4642, 0.4604.

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

15.9126, 0.4642, 0.4604

Protanopia

16.0585, 0.4346, 0.4818

Deuteranopia

15.9998, 0.4655, 0.4594



Tritanopia

15.9840, 0.3714, 0.3168

Trichromacy



Original Color

15.9126, 0.4642, 0.4604

Protanomaly

16.0089, 0.4451, 0.4745

Deuteranomaly

15.9998, 0.4655, 0.4594

Tritanomaly

15.8103, 0.4173, 0.3825

Monochromacy



Original Color

15.9126, 0.4642, 0.4604

Achromatopsia

14.4128, 0.3127, 0.3290

Achromatomaly

14.6275, 0.3764, 0.3991

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.9126, 0.4642, 0.4604 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(140, 106, 13)` looks like.

```
.text, #text, p{  
  color:rgb(140, 106, 13)  
}
```

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(140, 106, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 106, 13) }
```

Border

The CSS property to change the border of an element to Yxy 15.9126, 0.4642, 0.4604 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(140, 106, 13) }
```

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

```
.border{ border-color:rgb(140, 106, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 106, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 106, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 106, 13);  
box-shadow:4px 4px 4px 4px rgb(140, 106,  
13) }
```


Background

The CSS property to change the background color of an element to Yxy 15.9126, 0.4642, 0.4604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 106, 13) }
```

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

```
.background{ background-color: rgb(140,  
106, 13) }
```

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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