

Converting Colors

$Y_{xy}(15.6298, 0.4713, 0.4537)$

Have a look what the booklet for
Yxy(15.6298, 0.4713, 0.4537)
contains.

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Color

Yxy(15.5718, 0.4727, 0.4528)

Conversions

Conversions Part 1

Format	Color
Hex	8F670E
RGB	143, 103, 14
RGB Percent	56%, 40%, 5%
CMY	0.4392, 0.5961, 0.9453
CMYK	0.00, 0.28, 0.90, 0.44
HSL	41°, 82%, 31%
HSV	41°, 90%, 56%
XYZ	16.2562, 15.5718, 2.5621
YIQ	104.8140, 52.4090, -19.1990

Conversions

Conversions Part 2

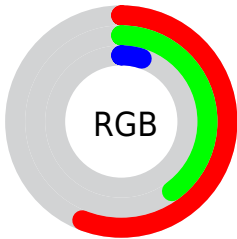
Format	Color
R_{YB}	72, 143, 14
Decimal	9398030
CIE Lab	46.41, 8.54, 50.29
CIE LCh	46, 51.009, 80.357
Yxy	15.5718, 0.4727, 0.4528
Android (android.graphics.Color)	4287588110 (0xFF8F670E)
YUV	104.8140, -44.7713, 33.4891
Hunter-Lab	39.4611, 4.4768, 23.7733

Details

The Yxy color **15.5718, 0.4727, 0.4528** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **4.7075, 0.1711, 0.1248**, and the grayscale version is **14.1851, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.9461, 0.4414, 0.4325**, and **4.9031, 0.4944, 0.4457** is the 20% darker color. If you saturate the color by 10%, you get **14.7037, 0.4853, 0.4528**, and if you desaturate by 10%, it is **16.5310, 0.4578, 0.4493**.

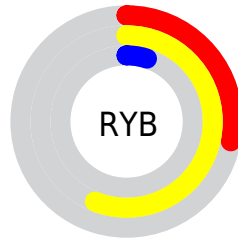
Distribution



Red (56%)

Green (40%)

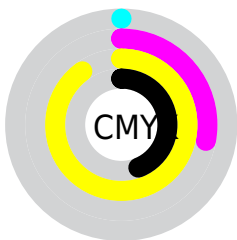
Blue (5%)



Red (28%)

Yellow (56%)

Blue (5%)

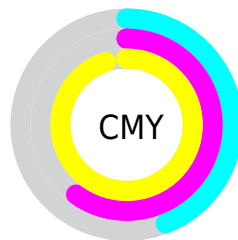


Cyan (0%)

Magenta (28%)

Yellow (90%)

Black (44%)



Cyan (44%)


Magenta (60%)


Yellow (95%)


Brightness & Saturation Gradients

These gradients show how the Yxy color 15.5718, 0.4727, 0.4528 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 15.5718, 0.4727, 0.4528 by changing the saturation by 10% instead.


 15.5718, 0.4727,
0.4528


 15.5718, 0.4727,
0.4528


 226.8016, 0.3854,
0.3901

 9.2217, 0.4925,
0.4636


 35.8532, 0.4410,
0.4321


 4.8860, 0.5216,
0.4784

 50.5533, 0.4289,
0.4234

 2.1806, 0.5318,
0.4682


 68.8054, 0.4186,
0.4158

 0.7094, 0.5547,
0.4453


 90.9941, 0.4099,
0.4092


 0.0000, 0.0000,
0.0000


 117.5036, 0.4024,
0.4034


 148.7185, 0.3959,


0.3984


 185.0230, 0.3903,
0.3940


 15.5718, 0.4727,
0.4528


 15.5718, 0.4727,
0.4528

 14.7037, 0.4853,
0.4528

 16.5310, 0.4578,
0.4493

 17.5695, 0.4404,
0.4413

 18.6928, 0.4214,
0.4295

 19.9050, 0.4016,
0.4148

 21.2099, 0.3819,
0.3983

■ 22.6108, 0.3628,
0.3808

■ 24.1111, 0.3449,
0.3632

■ 25.7135, 0.3283,
0.3459

■ 27.4211, 0.3131,
0.3294

Harmonies

Analogous

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



15.5718, 0.5115, 0.3820



15.5718, 0.4727, 0.4528



15.5718, 0.3949, 0.5099

Triad

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



15.5718, 0.4727, 0.4528



15.5718, 0.1626, 0.3077



15.5718, 0.2958, 0.2068

Complementary

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



15.5718, 0.4727, 0.4528



4.7075, 0.1711, 0.1248

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.



15.5718, 0.2119, 0.1841



15.5718, 0.4727, 0.4528



15.5718, 0.1462, 0.2265

Square

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



15.5718, 0.4727, 0.4528



15.5718, 0.2164, 0.4237



15.5718, 0.1627, 0.1886



15.5718, 0.4015, 0.2526

Rectangle

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



15.5718, 0.4727, 0.4528



15.5718, 0.3332, 0.5194



15.5718, 0.1627, 0.1886



15.5718, 0.2642, 0.1964

Sweetspot

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



15.5726, 0.4727, 0.4528



41.1985, 0.3579, 0.3761



6.4256, 0.5341, 0.2820



9.2664, 0.3635, 0.3814



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



15.5726, 0.4727, 0.4528



26.0196, 0.4870, 0.4515



23.6204, 0.3882, 0.5223



6.0073, 0.3266, 0.3441



13.0402, 0.4849, 0.4532



0.1640, 0.4494, 0.4814

Inverse Universe

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



4.7075, 0.1711, 0.1248



6.5453, 0.1617, 0.1020



2.7000, 0.1695, 0.0776



5.5107, 0.2990, 0.3134



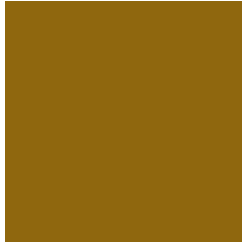
3.4006, 0.1629, 0.1064



0.0682, 0.1852, 0.1868

Previews

White Background



This preview shows how the Yxy color 15.5718, 0.4727, 0.4528 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 15.5718, 0.4727, 0.4528 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 15.5718, 0.4727, 0.4528

Background



This preview shows how black text looks on a background with the Yxy color 15.5718, 0.4727, 0.4528.



This preview shows how white text looks on a background with the Yxy color 15.5718, 0.4727, 0.4528.

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

15.5718, 0.4727, 0.4528

Protanopia

15.6914, 0.4328, 0.4820

Deuteranopia

15.6187, 0.4648, 0.4605



Tritanopia

15.6409, 0.3819, 0.3170

Trichromacy



Original Color

15.5718, 0.4727, 0.4528

Protanomaly

15.5849, 0.4478, 0.4712

Deuteranomaly

15.5051, 0.4674, 0.4576

Tritanomaly

15.4896, 0.4260, 0.3780

Monochromacy



Original Color

15.5718, 0.4727, 0.4528

Achromatopsia

14.1263, 0.3127, 0.3290

Achromatomaly

14.2904, 0.3794, 0.3949

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.5718, 0.4727, 0.4528 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(143, 103, 14)` looks like.

```
.text, #text, p{  
    color:rgb(143, 103, 14)  
}
```

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(143, 103, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 103, 14) }
```

Border

The CSS property to change the border of an element to Yxy 15.5718, 0.4727, 0.4528 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(143, 103, 14) }
```

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

```
.border{ border-color:rgb(143, 103, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 103, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 103, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 103, 14);  
box-shadow:4px 4px 4px 4px rgb(143, 103,  
14) }
```


Background

The CSS property to change the background color of an element to Yxy 15.5718, 0.4727, 0.4528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 103, 14) }
```

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

```
.background{ background-color: rgb(143,  
103, 14) }
```

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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