

Converting Colors

$Y_{xy}(15.1052, 0.4723, 0.4479)$

Have a look what the booklet for
Yxy(15.1052, 0.4723, 0.4479)
contains.

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Color

Yxy(15.1052, 0.4723, 0.4479)

Conversions

Conversions Part 1

Format	Color
Hex	8E6513
RGB	142, 101, 19
RGB Percent	56%, 40%, 7%
CMY	0.4431, 0.6039, 0.9256
CMYK	0.00, 0.29, 0.87, 0.44
HSL	40°, 76%, 32%
HSV	40°, 87%, 56%
XYZ	15.9281, 15.1052, 2.6912
YIQ	103.9110, 50.7580, -16.8100

Conversions

Conversions Part 2

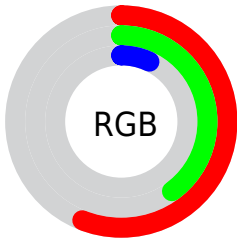
Format	Color
RYB	81, 142, 19
Decimal	9331987
CIELab	45.78, 9.38, 48.26
CIELCh	46, 49.158, 79.001
Yxy	15.1052, 0.4723, 0.4479
Android (android.graphics.Color)	4287522067 (0xFF8E6513)
YUV	103.9110, -41.8611, 33.4041
Hunter-Lab	38.8654, 5.1396, 23.1003

Details

The Yxy color **15.1052, 0.4723, 0.4479** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **5.3229, 0.1764, 0.1388**, and the grayscale version is **13.9224, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.1908, 0.4401, 0.4280**, and **4.6646, 0.4982, 0.4426** is the 20% darker color. If you saturate the color by 10%, you get **14.1765, 0.4866, 0.4482**, and if you desaturate by 10%, it is **16.1158, 0.4554, 0.4431**.

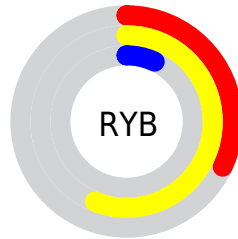
Distribution



Red (56%)

Green (40%)

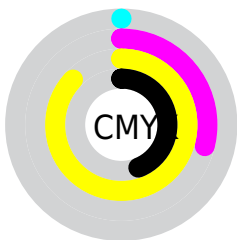
Blue (7%)



Red (32%)

Yellow (56%)

Blue (7%)

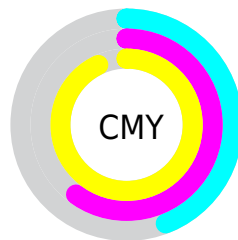


Cyan (0%)

Magenta (29%)

Yellow (87%)

Black (44%)



Cyan (44%)


Magenta (60%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.1052, 0.4723, 0.4479 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 15.1052, 0.4723, 0.4479 by changing the saturation by 10% instead.


 15.1052, 0.4723,
0.4479


 15.1052, 0.4723,
0.4479


224.0021, 0.3841,
0.3872


 8.8933, 0.4931,
0.4585


 35.0376, 0.4398,
0.4277

 4.6716, 0.5254,
0.4746

 49.5269, 0.4275,
0.4192

 2.0559, 0.5369,
0.4631

 67.5441, 0.4172,
0.4119

 0.6397, 0.5668,
0.4332


 89.4735, 0.4084,
0.4056


 0.0000, 0.0000,
0.0000


 115.6996, 0.4010,
0.4000


 146.6068, 0.3945,


0.3952

 182.5795, 0.3890,
0.3910


 15.1052, 0.4723,
0.4479


 15.1052, 0.4723,
0.4479


 14.1765, 0.4866,
0.4482


 16.1158, 0.4554,
0.4431

 13.8771, 0.4914,
0.4480

 17.2132, 0.4363,
0.4340

 18.4026, 0.4161,
0.4215

 19.6881, 0.3956,
0.4064

 21.0736, 0.3756,
0.3900

■ 22.5623, 0.3565,
0.3729

■ 24.1575, 0.3388,
0.3560

■ 25.8623, 0.3226,
0.3395

■ 27.6794, 0.3079,
0.3238

Harmonies

Analogous

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



15.1052, 0.5072, 0.3787



15.1052, 0.4723, 0.4479



15.1052, 0.3977, 0.5040

Triad

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



15.1052, 0.4723, 0.4479



15.1052, 0.1675, 0.3133



15.1052, 0.2920, 0.2078

Complementary

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



15.1052, 0.4723, 0.4479



5.3229, 0.1764, 0.1388

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.



15.1052, 0.2113, 0.1866



15.1052, 0.4723, 0.4479



15.1052, 0.1496, 0.2318

Square

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



15.1052, 0.4723, 0.4479



15.1052, 0.2222, 0.4260



15.1052, 0.1643, 0.1925



15.1052, 0.3947, 0.2520

Rectangle

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



15.1052, 0.4723, 0.4479



15.1052, 0.3376, 0.5146



15.1052, 0.1643, 0.1925



15.1052, 0.2616, 0.1979

Sweetspot

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



15.1060, 0.4723, 0.4479



39.8044, 0.3564, 0.3728



6.5653, 0.5106, 0.2734



8.7097, 0.3620, 0.3779



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.



15.1060, 0.4723, 0.4479



24.1572, 0.4932, 0.4466



23.6489, 0.3929, 0.5150



5.9866, 0.3266, 0.3436



12.4919, 0.4910, 0.4483



0.1601, 0.4523, 0.4791

Inverse Universe

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



5.3229, 0.1764, 0.1388



6.8034, 0.1633, 0.1080



2.8199, 0.1706, 0.0816



5.5305, 0.2990, 0.3139



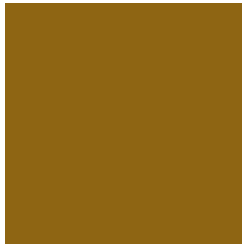
3.6344, 0.1645, 0.1123



0.0721, 0.1873, 0.1941

Previews

White Background



This preview shows how the Yxy color 15.1052, 0.4723, 0.4479 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 15.1052, 0.4723, 0.4479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

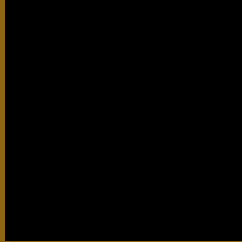
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.1052, 0.4723, 0.4479

Background



This preview shows how black text looks on a background with the Yxy color 15.1052, 0.4723, 0.4479.



This preview shows how white text looks on a background with the Yxy color 15.1052, 0.4723, 0.4479.

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

15.1052, 0.4723, 0.4479

Protanopia

15.1290, 0.4304, 0.4777

Deuteranopia

15.0593, 0.4632, 0.4569



Tritanopia

15.0560, 0.3831, 0.3168

Trichromacy



Original Color

15.1052, 0.4723, 0.4479

Protanomaly

15.0257, 0.4456, 0.4671

Deuteranomaly

15.0354, 0.4671, 0.4529

Tritanomaly

15.0241, 0.4264, 0.3749

Monochromacy



Original Color

15.1052, 0.4723, 0.4479

Achromatopsia

13.8432, 0.3127, 0.3290

Achromatomaly

14.0331, 0.3772, 0.3914

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.1052, 0.4723, 0.4479 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(142, 101, 19)` looks like.

```
.text, #text, p{  
    color:rgb(142, 101, 19)  
}
```

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(142, 101, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 101, 19) }
```

Border

The CSS property to change the border of an element to Yxy 15.1052, 0.4723, 0.4479 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(142, 101, 19) }
```

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

```
.border{ border-color:rgb(142, 101, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 101, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 101, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 101, 19);  
box-shadow:4px 4px 4px 4px rgb(142, 101,  
19) }
```


Background

The CSS property to change the background color of an element to Yxy 15.1052, 0.4723, 0.4479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 101, 19) }
```

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

```
.background{ background-color: rgb(142,  
101, 19) }
```

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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