

Converting Colors

$Y_{xy}(14.7852, 0.4811, 0.4489)$

Have a look what the booklet for
Yxy(14.7852, 0.4811, 0.4489)
contains.

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Color

Yxy(14.7852, 0.4811, 0.4489)

Conversions

Conversions Part 1

Format	Color
Hex	8F630A
RGB	143, 99, 10
RGB Percent	56%, 39%, 4%
CMY	0.4392, 0.6118, 0.9608
CMYK	0.00, 0.31, 0.93, 0.44
HSL	40°, 87%, 30%
HSV	40°, 93%, 56%
XYZ	15.8458, 14.7852, 2.3056
YIQ	102.0100, 54.7930, -18.3510

Conversions

Conversions Part 2

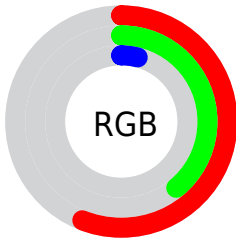
Format	Color
R_{YB}	76, 143, 10
Decimal	9397002
CIE Lab	45.34, 10.80, 50.43
CIE LCh	45, 51.568, 77.915
Yxy	14.7852, 0.4811, 0.4489
Android (android.graphics.Color)	4287587082 (0xFF8F630A)
YUV	102.0100, -45.3609, 35.9482
Hunter-Lab	38.4515, 6.2691, 23.3610

Details

The Yxy color **14.7852, 0.4811, 0.4489** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **4.6871, 0.1701, 0.1245**, and the grayscale version is **13.4004, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.6235, 0.4467, 0.4299**, and **4.6209, 0.5030, 0.4388** is the 20% darker color. If you saturate the color by 10%, you get **14.1501, 0.4908, 0.4485**, and if you desaturate by 10%, it is **15.7543, 0.4661, 0.4472**.

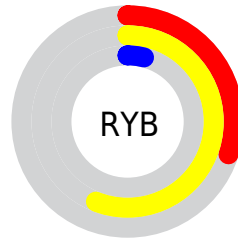
Distribution



Red (56%)

Green (39%)

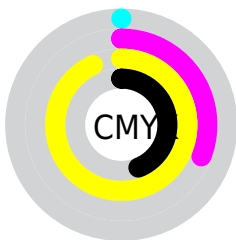
Blue (4%)



Red (30%)

Yellow (56%)

Blue (4%)

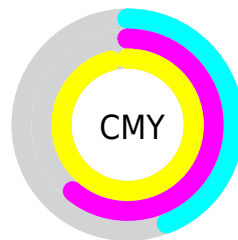


Cyan (0%)

Magenta (31%)

Yellow (93%)

Black (44%)



Cyan (44%)


Magenta (61%)

Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.7852, 0.4811, 0.4489 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 14.7852, 0.4811, 0.4489 by changing the saturation by 10% instead.


 14.7852, 0.4811,
0.4489


 14.7852, 0.4811,
0.4489


222.0624, 0.3885,
0.3891


 8.6688, 0.5027,
0.4585


 34.4759, 0.4474,
0.4297


 4.5258, 0.5314,
0.4686

 48.8190, 0.4344,
0.4214


 1.9718, 0.5449,
0.4551

 66.6731, 0.4235,
0.4141

 0.5910, 0.5827,
0.4173

 88.4226, 0.4143,
0.4077

 0.0000, 0.0000,
0.0000

 114.4518, 0.4064,
0.4022


 145.1453, 0.3996,


0.3973

 180.8874, 0.3937,
0.3929


 14.7852, 0.4811,
0.4489


 14.7852, 0.4811,
0.4489


 14.1501, 0.4908,
0.4485

 15.7543, 0.4661,
0.4472

 16.8074, 0.4484,
0.4407

 17.9505, 0.4289,
0.4302

 19.1879, 0.4086,
0.4166

 20.5236, 0.3882,
0.4009

■ 21.9614, 0.3685,
0.3841

■ 23.5045, 0.3500,
0.3669

■ 25.1561, 0.3328,
0.3500

■ 26.9193, 0.3171,
0.3337

Harmonies

Analogous

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



14.7852, 0.5172, 0.3764



14.7852, 0.4811, 0.4489



14.7852, 0.4034, 0.5109

Triad

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



14.7852, 0.4811, 0.4489



14.7852, 0.1620, 0.3155



14.7852, 0.2869, 0.2012

Complementary

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



14.7852, 0.4811, 0.4489



4.6871, 0.1701, 0.1245

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.



14.7852, 0.2040, 0.1802



14.7852, 0.4811, 0.4489



14.7852, 0.1427, 0.2286

Square

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



14.7852, 0.4811, 0.4489



14.7852, 0.2198, 0.4363



14.7852, 0.1569, 0.1871



14.7852, 0.3950, 0.2462

Rectangle

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



14.7852, 0.4811, 0.4489



14.7852, 0.3408, 0.5258



14.7852, 0.1569, 0.1871



14.7852, 0.2554, 0.1914

Sweetspot

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



14.7859, 0.4811, 0.4489



40.5200, 0.3602, 0.3765



6.3271, 0.5370, 0.2805



9.0487, 0.3675, 0.3832



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.



14.7859, 0.4811, 0.4489



25.0130, 0.4926, 0.4470



23.7237, 0.3908, 0.5226



5.9888, 0.3266, 0.3437



12.5486, 0.4903, 0.4489



0.1605, 0.4520, 0.4793

Inverse Universe

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



4.6871, 0.1701, 0.1245



6.9528, 0.1631, 0.1072



2.5102, 0.1650, 0.0731



5.5284, 0.2990, 0.3139



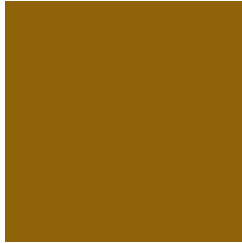
3.6089, 0.1644, 0.1117



0.0717, 0.1870, 0.1933

Previews

White Background



This preview shows how the Yxy color 14.7852, 0.4811, 0.4489 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 14.7852, 0.4811, 0.4489 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 14.7852, 0.4811, 0.4489

Background



This preview shows how black text looks on a background with the Yxy color 14.7852, 0.4811, 0.4489.



This preview shows how white text looks on a background with the Yxy color 14.7852, 0.4811, 0.4489.

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

14.7852, 0.4811, 0.4489

Protanopia

14.8191, 0.4342, 0.4830

Deuteranopia

14.7414, 0.4694, 0.4639



Tritanopia

14.7582, 0.3889, 0.3169

Trichromacy



Original Color

14.7852, 0.4811, 0.4489

Protanomaly

14.7968, 0.4510, 0.4709

Deuteranomaly

14.8073, 0.4741, 0.4580

Tritanomaly

14.7007, 0.4358, 0.3778

Monochromacy



Original Color

14.7852, 0.4811, 0.4489

Achromatopsia

13.2868, 0.3127, 0.3290

Achromatomaly

13.5189, 0.3827, 0.3961

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.7852, 0.4811, 0.4489 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, 99, 10)` looks like.

```
.text, #text, p{  
    color:rgb(143, 99, 10)  
}
```

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, 99, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 99, 10) }
```

Border

The CSS property to change the border of an element to Yxy 14.7852, 0.4811, 0.4489 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, 99, 10) }
```

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

```
.border{ border-color:rgb(143, 99, 10) }
```

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

Here you see how a box with a 4 pixel rgb(143, 99, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 99, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 99, 10);  
box-shadow:4px 4px 4px 4px rgb(143, 99,  
10) }
```


Background

The CSS property to change the background color of an element to Yxy 14.7852, 0.4811, 0.4489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 99, 10) }
```

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

```
.background{ background-color: rgb(143, 99,  
10) }
```

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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