

Converting Colors

$Y_{xy}(14.4989, 0.5052, 0.4914)$

Have a look what the booklet for
Yxy(14.4989, 0.5052, 0.4914)
contains.

Yxy(14.6033, 0.4778, 0.4589)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.6033, 0.4778, 0.4589)

Conversions

Conversions Part 1

Format	Color
Hex	8B6400
RGB	139, 100, 0
RGB Percent	55%, 39%, 0%
CMY	0.4549, 0.6078, 1.0000
CMYK	0.00, 0.28, 1.00, 0.45
HSL	43°, 100%, 27%
HSV	43°, 100%, 55%
XYZ	15.2047, 14.6033, 2.0144
YIQ	100.2610, 55.3440, -22.8320

Conversions

Conversions Part 2

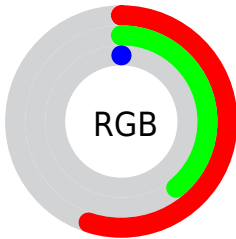
Format	Color
R_{YB}	54, 139, 0
Decimal	9135104
CIE Lab	45.09, 8.12, 52.42
CIE LCh	45, 53.050, 81.192
Yxy	14.6033, 0.4778, 0.4589
Android (android.graphics.Color)	4287325184 (0xFF8B6400)
YUV	100.2610, -49.4287, 33.9741
Hunter-Lab	38.2143, 4.1469, 23.6247

Details

The Yxy color **14.6033, 0.4778, 0.4589** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **3.3153, 0.1608, 0.0990**, and the grayscale version is **12.9332, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.3298, 0.4458, 0.4384**, and **4.5232, 0.4922, 0.4474** is the 20% darker color. If you saturate the color by 10%, you get **14.6043, 0.4778, 0.4589**, and if you desaturate by 10%, it is **15.4019, 0.4659, 0.4580**.

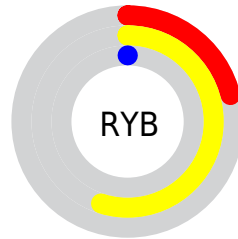
Distribution



Red (55%)

Green (39%)

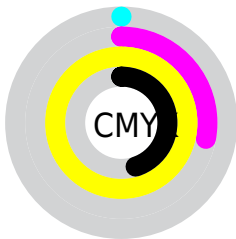
Blue (0%)



Red (21%)

Yellow (55%)

Blue (0%)

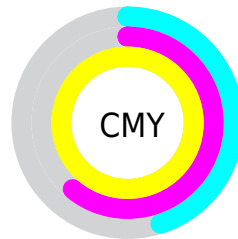


Cyan (0%)

Magenta (28%)

Yellow (100%)

Black (45%)



Cyan (45%)


Magenta (61%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 14.6033, 0.4778, 0.4589 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 14.6033, 0.4778, 0.4589 by changing the saturation by 10% instead.


 14.6033, 0.4778,
0.4589


 14.6033, 0.4778,
0.4589


 220.9524, 0.3882,
0.3935


 8.5415, 0.4985,
0.4704


 34.1557, 0.4458,
0.4378


 4.4433, 0.5209,
0.4791

 48.4151, 0.4333,
0.4287


 1.9245, 0.5314,
0.4686

 66.1758, 0.4227,
0.4207

 0.5631, 0.5657,
0.4343


 87.8221, 0.4136,
0.4138


 0.0000, 0.0000,
0.0000


 113.7386, 0.4059,
0.4077

 144.3095, 0.3992,


0.4024


 179.9193, 0.3933,
0.3977


 14.6033, 0.4778,
0.4589


 14.6033, 0.4778,
0.4589


 14.6043, 0.4778,
0.4589

 15.4019, 0.4659,
0.4580

 16.2559, 0.4521,
0.4538

 17.1773, 0.4359,
0.4451

 18.1705, 0.4180,
0.4327

 19.2391, 0.3991,
0.4174

■ 20.3864, 0.3801,
0.4003

■ 21.6154, 0.3617,
0.3823

■ 22.9289, 0.3441,
0.3641

■ 24.3296, 0.3277,
0.3462

Harmonies

Analogous

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



14.6033, 0.5219, 0.3843



14.6033, 0.4778, 0.4589



14.6033, 0.3946, 0.5208

Triad

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



14.6033, 0.4778, 0.4589



14.6033, 0.1539, 0.3023



14.6033, 0.2973, 0.2019

Complementary

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



14.6033, 0.4778, 0.4589



3.3153, 0.1608, 0.0990

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.



14.6033, 0.2085, 0.1776



14.6033, 0.4778, 0.4589



14.6033, 0.1386, 0.2186

Square

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



14.6033, 0.4778, 0.4589



14.6033, 0.2083, 0.4266



14.6033, 0.1566, 0.1810



14.6033, 0.4097, 0.2500

Rectangle

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



14.6033, 0.4778, 0.4589



14.6033, 0.3297, 0.5317



14.6033, 0.1566, 0.1810



14.6033, 0.2638, 0.1910

Sweetspot

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



14.6043, 0.4778, 0.4589



38.5588, 0.3628, 0.3835



5.6384, 0.5764, 0.2949



8.6927, 0.3697, 0.3903



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.



14.6043, 0.4778, 0.4589



25.8622, 0.4793, 0.4577



21.7104, 0.3823, 0.5346



5.6117, 0.3264, 0.3447



13.2100, 0.4774, 0.4591



0.1126, 0.4459, 0.4842

Inverse Universe

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



3.3153, 0.1608, 0.0990



5.6883, 0.1599, 0.0955



2.1420, 0.1629, 0.0671



5.1060, 0.2991, 0.3128



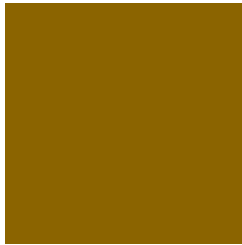
3.0183, 0.1611, 0.0997



0.0422, 0.1826, 0.1775

Previews

White Background



This preview shows how the Yxy color 14.6033, 0.4778, 0.4589 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 14.6033, 0.4778, 0.4589 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 14.6033, 0.4778, 0.4589

Background



This preview shows how black text looks on a background with the Yxy color 14.6033, 0.4778, 0.4589.



This preview shows how white text looks on a background with the Yxy color 14.6033, 0.4778, 0.4589.

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

14.6033, 0.4778, 0.4589

Protanopia

14.5979, 0.4376, 0.4844

Deuteranopia

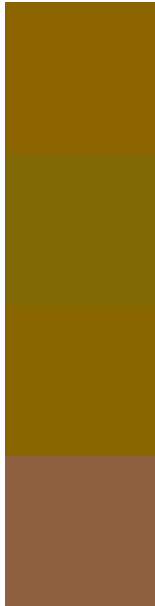
14.7370, 0.4702, 0.4649



Tritanopia

14.6781, 0.3822, 0.3167

Trichromacy



Original Color

14.6033, 0.4778, 0.4589

Protanomaly

14.5008, 0.4537, 0.4740

Deuteranomaly

14.6257, 0.4733, 0.4624

Tritanomaly

14.4867, 0.4332, 0.3859

Monochromacy



Original Color

14.6033, 0.4778, 0.4589

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

13.0619, 0.3858, 0.4056

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.6033, 0.4778, 0.4589 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(139, 100, 0)` looks like.

```
.text, #text, p{  
    color:rgb(139, 100, 0)  
}
```

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(139, 100, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 100, 0) }
```

Border

The CSS property to change the border of an element to Yxy 14.6033, 0.4778, 0.4589 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(139, 100, 0) }
```

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

```
.border{ border-color:rgb(139, 100, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 100, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 100, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 100, 0);  
box-shadow:4px 4px 4px 4px rgb(139, 100,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 14.6033, 0.4778, 0.4589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 100, 0) }
```

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

```
.background{ background-color: rgb(139,  
100, 0) }
```

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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