

Converting Colors

$Y_{xy}(19.0156, 0.4514, 0.4798)$

Have a look what the booklet for
Yxy(19.0156, 0.4514, 0.4798)
contains.

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Color

Yxy(19.0333, 0.4516, 0.4796)

Conversions

Conversions Part 1

Format	Color
Hex	8F7700
RGB	143, 119, 0
RGB Percent	56%, 47%, 0%
CMY	0.4393, 0.5333, 0.9998
CMYK	0.00, 0.17, 1.00, 0.44
HSL	50°, 100%, 28%
HSV	50°, 100%, 56%
XYZ	17.9221, 19.0333, 2.7304
YIQ	112.6100, 52.5030, -31.9210

Conversions

Conversions Part 2

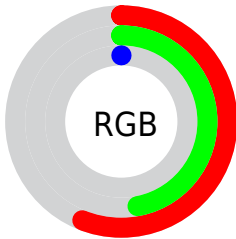
Format	Color
R_{YB}	29, 143, 0
Decimal	9402112
CIE _{Lab}	50.73, -0.90, 56.51
CIE _{LCh}	51, 56.512, 90.908
Yxy	19.0333, 0.4516, 0.4796
Android (android.graphics.Color)	4287592192 (0xFF8F7700)
YUV	112.6100, -55.5167, 26.6520
Hunter-Lab	43.6272, -3.0195, 26.8284

Details

The Yxy color **19.0333, 0.4516, 0.4796** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **2.6368, 0.1548, 0.0773**, and the grayscale version is **16.5494, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.9250, 0.4280, 0.4531**, and **6.5812, 0.4550, 0.4770** is the 20% darker color. If you saturate the color by 10%, you get **19.0322, 0.4516, 0.4796**, and if you desaturate by 10%, it is **19.6448, 0.4441, 0.4769**.

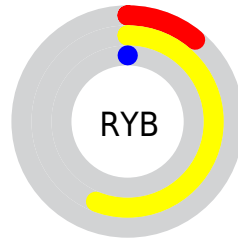
Distribution



Red (56%)

Green (47%)

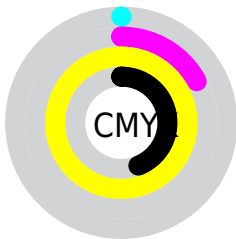
Blue (0%)



Red (11%)

Yellow (56%)

Blue (0%)

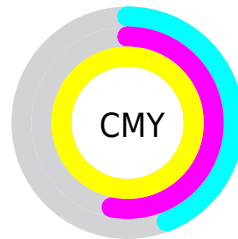


Cyan (0%)

Magenta (17%)

Yellow (100%)

Black (44%)



Cyan (44%)


Magenta (53%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.0333, 0.4516, 0.4796 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 19.0333, 0.4516, 0.4796 by changing the saturation by 10% instead.


 19.0333, 0.4516,
0.4796

 19.0333, 0.4516,
0.4796


246.6325, 0.3809,
0.4024


 11.6943, 0.4649,
0.4946


 41.7904, 0.4278,
0.4533


 6.5359, 0.4840,
0.5160


 57.9773, 0.4180,
0.4427

 3.1736, 0.4831,
0.5169

 77.8822, 0.4096,
0.4334

 1.2230, 0.4815,
0.5185

 101.8897, 0.4022,
0.4254


 0.0804, 0.4042,
0.5958


 130.3841, 0.3958,
0.4185


 0.0000, 0.0000,
0.0000


 163.7498, 0.3902,


0.4124


 202.3711, 0.3853,
0.4071

 19.0333, 0.4516,
0.4796


 19.0333, 0.4516,
0.4796


 19.0322, 0.4516,
0.4796

 19.6448, 0.4441,
0.4769

 20.2916, 0.4346,
0.4710

 20.9857, 0.4225,
0.4607

 21.7314, 0.4084,
0.4467

 22.5321, 0.3927,
0.4296

■ 23.3910, 0.3762,
0.4105

■ 24.3110, 0.3595,
0.3901

■ 25.2947, 0.3431,
0.3693

■ 26.3446, 0.3274,
0.3488

Harmonies

Analogous

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



19.0333, 0.5096, 0.4078



19.0333, 0.4516, 0.4796



19.0333, 0.3632, 0.5259

Triad

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



19.0333, 0.4516, 0.4796



19.0333, 0.1482, 0.2714



19.0333, 0.3324, 0.2174

Complementary

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



19.0333, 0.4516, 0.4796



2.6368, 0.1548, 0.0773

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.



19.0333, 0.2351, 0.1853



19.0333, 0.4516, 0.4796



19.0333, 0.1440, 0.2048

Square

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



19.0333, 0.4516, 0.4796



19.0333, 0.1891, 0.3835



19.0333, 0.1723, 0.1795



19.0333, 0.4410, 0.2709

Rectangle

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



19.0333, 0.4516, 0.4796



19.0333, 0.2987, 0.5164



19.0333, 0.1723, 0.1795



19.0333, 0.2969, 0.2040

Sweetspot

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



19.0342, 0.4516, 0.4796



43.4374, 0.3606, 0.3915



5.9146, 0.6074, 0.3120



9.8159, 0.3670, 0.3993



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.



19.0342, 0.4516, 0.4796



33.8788, 0.4524, 0.4790



22.2198, 0.3656, 0.5479



6.1336, 0.3262, 0.3472



16.8594, 0.4514, 0.4798



0.1876, 0.4339, 0.4937

Inverse Universe

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



2.6368, 0.1548, 0.0773



4.5428, 0.1541, 0.0747



2.5485, 0.1742, 0.0733



5.3921, 0.2990, 0.3101



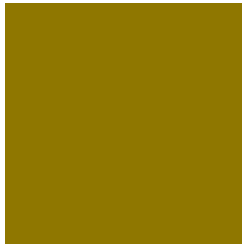
2.3530, 0.1550, 0.0779



0.0446, 0.1714, 0.1369

Previews

White Background



This preview shows how the Yxy color 19.0333, 0.4516, 0.4796 looks on a white background.

Color Contrast Check

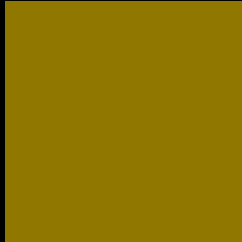
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 19.0333, 0.4516, 0.4796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

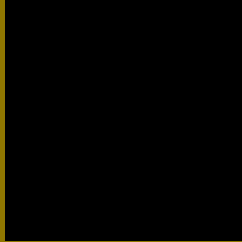
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.0333, 0.4516, 0.4796

Background



This preview shows how black text looks on a background with the Yxy color 19.0333, 0.4516, 0.4796.



This preview shows how white text looks on a background with the Yxy color 19.0333, 0.4516, 0.4796.

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

19.0333, 0.4516, 0.4796

Protanopia

19.0041, 0.4395, 0.4861

Deuteranopia

19.0603, 0.4670, 0.4604



Tritanopia

19.0903, 0.3538, 0.3155

Trichromacy



Original Color

19.0333, 0.4516, 0.4796

Protanomaly

18.9285, 0.4441, 0.4837

Deuteranomaly

18.8979, 0.4616, 0.4669

Tritanomaly

18.7595, 0.4070, 0.3945

Monochromacy



Original Color

19.0333, 0.4516, 0.4796

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

17.0144, 0.3788, 0.4128

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0333, 0.4516, 0.4796 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, 119, 0)` looks like.

```
.text, #text, p{  
    color:rgb(143, 119, 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(143, 119, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 119, 0) }
```

Border

The CSS property to change the border of an element to Yxy 19.0333, 0.4516, 0.4796 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, 119, 0) }
```

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

```
.border{ border-color:rgb(143, 119, 0) }
```

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

Here you see how a box with a 4 pixel rgb(143, 119, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 119, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 119, 0);  
box-shadow:4px 4px 4px 4px rgb(143, 119,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0333, 0.4516, 0.4796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 119, 0) }
```

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

```
.background{ background-color: rgb(143,  
119, 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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