

Converting Colors

$Yxy(15.9436, 0.5751, 0.3816)$

Have a look what the booklet for
Yxy(15.9436, 0.5751, 0.3816)
contains.

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Color

Yxy(15.9716, 0.5756, 0.3811)

Conversions

Conversions Part 1

Format	Color
Hex	C04900
RGB	192, 73, 0
RGB Percent	75%, 29%, 0%
CMY	0.2470, 0.7137, 0.9995
CMYK	0.00, 0.62, 1.00, 0.25
HSL	23°, 100%, 38%
HSV	23°, 100%, 75%
XYZ	24.1229, 15.9716, 1.8147
YIQ	100.2590, 94.3570, 2.5250

Conversions

Conversions Part 2

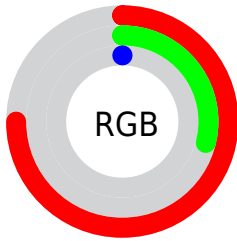
Format	Color
R_{YB}	192, 118, 0
Decimal	12601600
CIE Lab	46.94, 45.29, 57.43
CIE LCh	47, 73.134, 51.740
Yxy	15.9716, 0.5756, 0.3811
Android (android.graphics.Color)	4290791680 (0xFFC04900)
YUV	100.2590, -49.4277, 80.4569
Hunter-Lab	39.9645, 37.8064, 25.2830

Details

The Yxy color **15.9716, 0.5756, 0.3811** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **17.0309, 0.1887, 0.1993**, and the grayscale version is **12.9279, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.4975, 0.5234, 0.3860**, and **5.1164, 0.6261, 0.3411** is the 20% darker color. If you saturate the color by 10%, you get **15.9628, 0.5757, 0.3811**, and if you desaturate by 10%, it is **17.7378, 0.5508, 0.3892**.

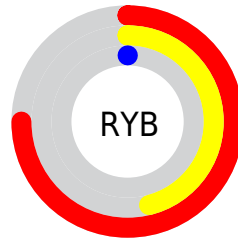
Distribution



Red (75%)

Green (29%)

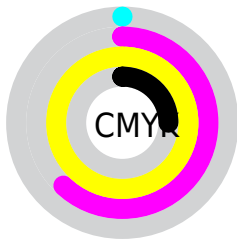
Blue (0%)



Red (75%)

Yellow (46%)

Blue (0%)

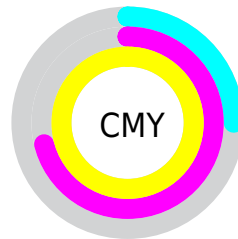


Cyan (0%)

Magenta (62%)

Yellow (100%)

Black (25%)



Cyan (25%)


Magenta (71%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 15.9716, 0.5756, 0.3811 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 15.9716, 0.5756, 0.3811 by changing the saturation by 10% instead.


 15.9716, 0.5756,
0.3811


 15.9716, 0.5756,
0.3811


 229.1741, 0.4327,
0.3730


 9.5041, 0.6100,
0.3728


 36.5489, 0.5243,
0.3857


 5.0714, 0.6470,
0.3530


 51.4274, 0.5044,
0.3849


 2.2892, 0.6856,
0.3144


 69.8784, 0.4876,
0.3833

 0.7680, 0.7479,
0.2521

 92.2863, 0.4732,
0.3813


 0.0000, 1.0000,
0.0000


 119.0354, 0.4609,
0.3791


 0.0000, 0.0000,
0.0000


 150.5101, 0.4502,

0.3770

 187.0949, 0.4409,
0.3749

 15.9716, 0.5756,
0.3811


 15.9716, 0.5756,
0.3811

 15.9628, 0.5757,
0.3811

 17.7378, 0.5508,
0.3892

 19.8659, 0.5214,
0.3930

 22.3883, 0.4889,
0.3918

 25.3274, 0.4559,
0.3866

 28.7034, 0.4244,
0.3785

■ 32.5350, 0.3957,
0.3689

■ 36.8398, 0.3702,
0.3586

■ 41.6342, 0.3480,
0.3483

■ 46.9338, 0.3290,
0.3383

Harmonies

Analogous

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



15.9716, 0.5600, 0.3014



15.9716, 0.5756, 0.3811



15.9716, 0.5066, 0.4756

Triad

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



15.9716, 0.5756, 0.3811



15.9716, 0.1721, 0.4594



15.9716, 0.1821, 0.1440

Complementary

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



15.9716, 0.5756, 0.3811



17.0309, 0.1887, 0.1993

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.



15.9716, 0.1226, 0.1452



15.9716, 0.5756, 0.3811



15.9716, 0.1136, 0.2837

Square

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



15.9716, 0.5756, 0.3811



15.9716, 0.2770, 0.5949



15.9716, 0.1010, 0.1837



15.9716, 0.2920, 0.1727

Rectangle

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



15.9716, 0.5756, 0.3811



15.9716, 0.4354, 0.5425



15.9716, 0.1010, 0.1837



15.9716, 0.1572, 0.1409

Sweetspot

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



15.9725, 0.5756, 0.3811



66.3007, 0.3715, 0.3592



12.6065, 0.4408, 0.2202



13.4940, 0.3820, 0.3636



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



15.9725, 0.5756, 0.3811



28.4742, 0.5785, 0.3789



38.6341, 0.4450, 0.4849



10.6909, 0.3280, 0.3378



10.8799, 0.5735, 0.3829



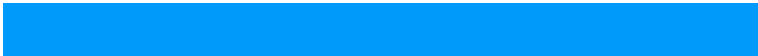
0.6033, 0.5316, 0.4161

Inverse Universe

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



17.0309, 0.1887, 0.1993



30.3344, 0.1881, 0.1970



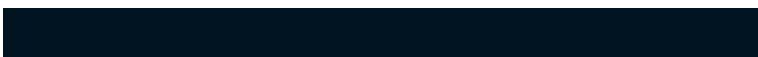
4.5326, 0.1528, 0.0701



10.7649, 0.2984, 0.3200



11.6053, 0.1892, 0.2010



0.6309, 0.1980, 0.2327

Previews

White Background



This preview shows how the Yxy color 15.9716, 0.5756, 0.3811 looks on a white background.

Color Contrast Check

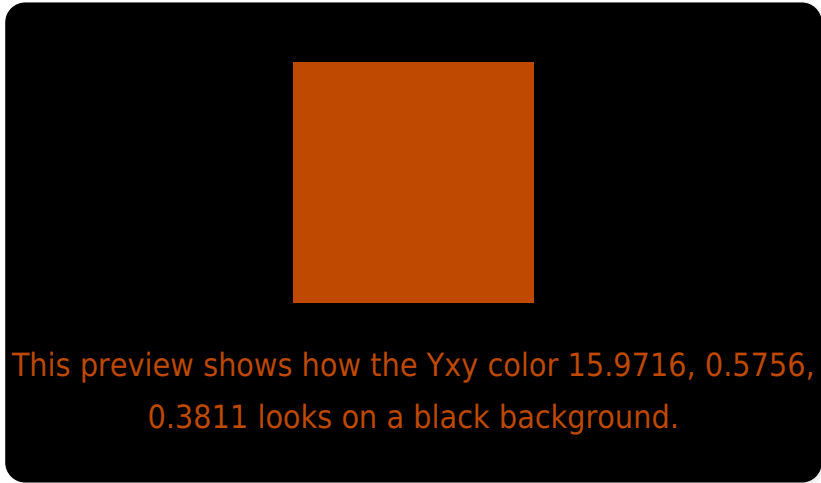
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 15.9716, 0.5756, 0.3811

Background



This preview shows how black text looks on a background with the Yxy color 15.9716, 0.5756, 0.3811.



This preview shows how white text looks on a background with the Yxy color 15.9716, 0.5756, 0.3811.

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

15.9716, 0.5756, 0.3811

Protanopia

16.0710, 0.4328, 0.4792

Deuteranopia

15.9708, 0.4699, 0.4651



Tritanopia

16.0715, 0.5154, 0.3250

Trichromacy



Original Color

15.9716, 0.5756, 0.3811

Protanomaly

15.2459, 0.4909, 0.4400

Deuteranomaly

15.4790, 0.5140, 0.4301

Tritanomaly

15.9150, 0.5490, 0.3541

Monochromacy



Original Color

15.9716, 0.5756, 0.3811

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

12.6690, 0.4259, 0.3785

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.9716, 0.5756, 0.3811 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(192, 73, 0)` looks like.

```
.text, #text, p{  
    color:rgb(192, 73, 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(192, 73, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 73, 0) }
```

Border

The CSS property to change the border of an element to Yxy 15.9716, 0.5756, 0.3811 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(192, 73, 0) }
```

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

```
.border{ border-color:rgb(192, 73, 0) }
```

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

Here you see how a box with a 4 pixel rgb(192, 73, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 73, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 73, 0);  
box-shadow:4px 4px 4px 4px rgb(192, 73, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 15.9716, 0.5756, 0.3811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 73, 0) }
```

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

```
.background{ background-color: rgb(192, 73,  
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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