

Converting Colors

$Y_{xy}(19.0770, 0.5556, 0.3970)$

Have a look what the booklet for
Yxy(19.0770, 0.5556, 0.3970)
contains.

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Color

Yxy(19.0151, 0.5555, 0.3971)

Conversions

Conversions Part 1

Format	Color
Hex	C55900
RGB	197, 89, 0
RGB Percent	77%, 35%, 0%
CMY	0.2274, 0.6510, 0.9998
CMYK	0.00, 0.55, 1.00, 0.23
HSL	27°, 100%, 39%
HSV	27°, 100%, 77%
XYZ	26.6001, 19.0151, 2.2697
YIQ	111.1460, 92.9370, -4.7830

Conversions

Conversions Part 2

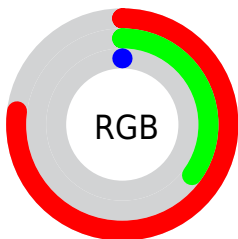
Format	Color
R_{YB}	197, 162, 0
Decimal	12933376
CIE Lab	50.70, 39.53, 59.97
CIE LCh	51, 71.824, 56.605
Yxy	19.0151, 0.5555, 0.3971
Android (android.graphics.Color)	4291123456 (0xFFC55900)
YUV	111.1460, -54.7950, 75.2940
Hunter-Lab	43.6063, 32.5749, 27.4383

Details

The Yxy color **19.0151, 0.5555, 0.3971** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **14.7700, 0.1816, 0.1736**, and the grayscale version is **16.0854, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.6576, 0.5063, 0.3987**, and **6.5371, 0.5962, 0.3648** is the 20% darker color. If you saturate the color by 10%, you get **19.0110, 0.5555, 0.3971**, and if you desaturate by 10%, it is **20.9977, 0.5332, 0.4043**.

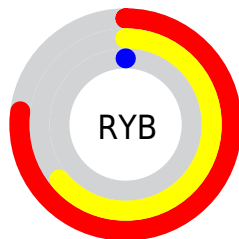
Distribution



Red (77%)

Green (35%)

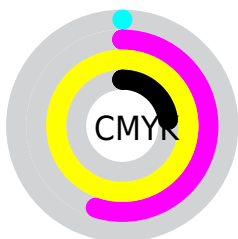
Blue (0%)



Red (77%)

Yellow (64%)

Blue (0%)

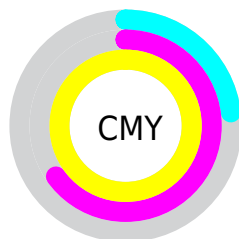


Cyan (0%)

Magenta (55%)

Yellow (100%)

Black (23%)



Cyan (23%)


Magenta (65%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.0151, 0.5555, 0.3971 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 19.0151, 0.5555, 0.3971 by changing the saturation by 10% instead.


 19.0151, 0.5555,
0.3971


 19.0151, 0.5555,
0.3971


246.5321, 0.4270,
0.3788


 11.6812, 0.5841,
0.3919


 41.7596, 0.5102,
0.3970

 6.5270, 0.6194,
0.3806


 57.9390, 0.4924,
0.3947


 3.1681, 0.6498,
0.3502

 77.8357, 0.4772,
0.3921

 1.2201, 0.6974,
0.3026

 101.8340, 0.4642,
0.3892


 0.0780, 0.9311,
0.0689


 130.3185, 0.4529,
0.3864


 0.0000, 0.0000,
0.0000


 163.6733, 0.4431,

0.3837


 202.2831, 0.4346,
0.3812


 19.0151, 0.5555,
0.3971


 19.0151, 0.5555,
0.3971


 19.0110, 0.5555,
0.3971

 20.9977, 0.5332,
0.4043

 23.3042, 0.5071,
0.4069

 25.9636, 0.4781,
0.4043

 28.9946, 0.4484,
0.3975

 32.4142, 0.4197,
0.3877

■ 36.2380, 0.3929,
0.3763

■ 40.4806, 0.3688,
0.3642

■ 45.1557, 0.3475,
0.3520

■ 50.2762, 0.3289,
0.3401

Harmonies

Analogous

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



19.0151, 0.5529, 0.3178



19.0151, 0.5555, 0.3971



19.0151, 0.4842, 0.4875

Triad

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



19.0151, 0.5555, 0.3971



19.0151, 0.1693, 0.4212



19.0151, 0.2033, 0.1556

Complementary

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



19.0151, 0.5555, 0.3971



14.7700, 0.1816, 0.1736

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.



19.0151, 0.1384, 0.1523



19.0151, 0.5555, 0.3971



19.0151, 0.1195, 0.2683

Square

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



19.0151, 0.5555, 0.3971



19.0151, 0.2649, 0.5621



19.0151, 0.1120, 0.1837



19.0151, 0.3154, 0.1880

Rectangle

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



19.0151, 0.5555, 0.3971



19.0151, 0.4155, 0.5460



19.0151, 0.1120, 0.1837



19.0151, 0.1767, 0.1512

Sweetspot

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



19.0162, 0.5555, 0.3971



72.1072, 0.3699, 0.3648



12.9632, 0.4756, 0.2394



14.7211, 0.3800, 0.3700



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



19.0162, 0.5555, 0.3971



33.5580, 0.5580, 0.3951



47.4797, 0.4283, 0.4981



11.4126, 0.3278, 0.3395



12.6656, 0.5534, 0.3988



0.7439, 0.5185, 0.4265

Inverse Universe

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



14.7700, 0.1816, 0.1736



25.9294, 0.1809, 0.1711



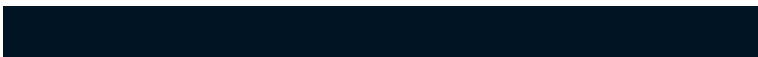
4.2469, 0.1508, 0.0629



11.2354, 0.2983, 0.3183



9.8794, 0.1821, 0.1757



0.6111, 0.1918, 0.2106

Previews

White Background



This preview shows how the Yxy color 19.0151, 0.5555, 0.3971 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 19.0151, 0.5555, 0.3971 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 19.0151, 0.5555, 0.3971

Background



This preview shows how black text looks on a background with the Yxy color 19.0151, 0.5555, 0.3971.



This preview shows how white text looks on a background with the Yxy color 19.0151, 0.5555, 0.3971.

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

19.0151, 0.5555, 0.3971

Protanopia

19.2811, 0.4342, 0.4815

Deuteranopia

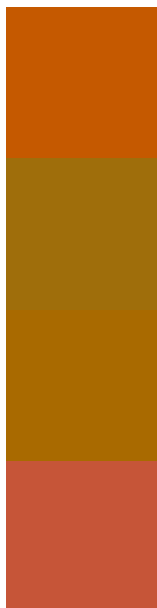
19.0338, 0.4704, 0.4647



Tritanopia

19.0332, 0.4827, 0.3234

Trichromacy



Original Color

19.0151, 0.5555, 0.3971

Protanomaly

18.5470, 0.4824, 0.4488

Deuteranomaly

18.7431, 0.5034, 0.4385

Tritanomaly

18.7883, 0.5244, 0.3615

Monochromacy



Original Color

19.0151, 0.5555, 0.3971

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

15.9062, 0.4163, 0.3863

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0151, 0.5555, 0.3971 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(197, 89, 0)` looks like.

```
.text, #text, p{  
    color:rgb(197, 89, 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(197, 89, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 89, 0) }
```

Border

The CSS property to change the border of an element to Yxy 19.0151, 0.5555, 0.3971 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(197, 89, 0) }
```

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

```
.border{ border-color:rgb(197, 89, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 89, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 89, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 89, 0);  
box-shadow:4px 4px 4px 4px rgb(197, 89, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 19.0151, 0.5555, 0.3971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 89, 0) }
```

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

```
.background{ background-color: rgb(197, 89,  
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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