

Converting Colors

$Y_{xy}(19.3388, 0.5708, 0.3850)$

Have a look what the booklet for
Yxy(19.3388, 0.5708, 0.3850)
contains.

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Color

Yxy(19.4519, 0.5707, 0.3851)

Conversions

Conversions Part 1

Format	Color
Hex	CF5300
RGB	207, 83, 0
RGB Percent	81%, 33%, 0%
CMY	0.1882, 0.6745, 1.0000
CMYK	0.00, 0.60, 1.00, 0.19
HSL	24°, 100%, 41%
HSV	24°, 100%, 81%
XYZ	28.8268, 19.4519, 2.2326
YIQ	110.6140, 100.5470, 0.4750

Conversions

Conversions Part 2

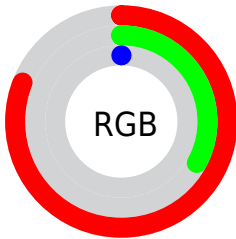
Format	Color
R_{YB}	207, 139, 0
Decimal	13587200
CIE _{Lab}	51.21, 46.23, 61.14
CIE _{LCh}	51, 76.651, 52.907
Yxy	19.4519, 0.5707, 0.3851
Android (android.graphics.Color)	4291777280 (0xFFCF5300)
YUV	110.6140, -54.5327, 84.5305
Hunter-Lab	44.1043, 39.4860, 27.8717

Details

The Yxy color **19.4519, 0.5707, 0.3851** 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 **18.9225, 0.1864, 0.1909**, and the grayscale version is **15.9184, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.2161, 0.5113, 0.3938**, and **6.7598, 0.6158, 0.3493** is the 20% darker color. If you saturate the color by 10%, you get **19.4532, 0.5707, 0.3851**, and if you desaturate by 10%, it is **21.5766, 0.5469, 0.3934**.

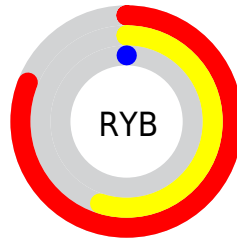
Distribution



Red (81%)

Green (33%)

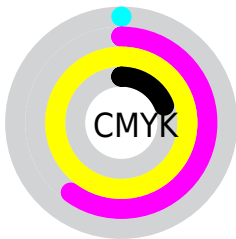
Blue (0%)



Red (81%)

Yellow (55%)

Blue (0%)

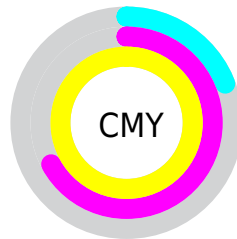


Cyan (0%)

Magenta (60%)

Yellow (100%)

Black (19%)



Cyan (19%)


Magenta (67%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.4519, 0.5707, 0.3851 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 19.4519, 0.5707, 0.3851 by changing the saturation by 10% instead.


 19.4519, 0.5707,
0.3851


 19.4519, 0.5707,
0.3851

248.9323, 0.4349,
0.3753


 11.9973, 0.6007,
0.3775


 42.4963, 0.5230,
0.3886


 6.7418, 0.6372,
0.3628


 58.8549, 0.5043,
0.3876


 3.3012, 0.6702,
0.3298

 78.9502, 0.4882,
0.3859

 1.2909, 0.7203,
0.2797

 103.1667, 0.4744,
0.3838

 0.1342, 0.9082,
0.0918

 131.8888, 0.4624,
0.3816

 0.0000, 1.0000,
0.0000


 165.5008, 0.4520,


 0.0000, 0.0000,


0.3795

0.0000


 204.3872, 0.4429,
0.3774

 19.4519, 0.5707,
0.3851

 19.4519, 0.5707,
0.3851


 19.4532, 0.5707,
0.3851

 21.5766, 0.5469,
0.3934

 24.1129, 0.5184,
0.3971

 27.0973, 0.4869,
0.3956

 30.5548, 0.4547,
0.3900

 34.5081, 0.4238,
0.3815

■ 38.9783, 0.3955,
0.3714

■ 43.9847, 0.3702,
0.3605

■ 49.5459, 0.3482,
0.3495

■ 55.6793, 0.3291,
0.3390

Harmonies

Analogous

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



19.4519, 0.5584, 0.3054



19.4519, 0.5707, 0.3851



19.4519, 0.5007, 0.4783

Triad

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



19.4519, 0.5707, 0.3851



19.4519, 0.1714, 0.4496



19.4519, 0.1872, 0.1468

Complementary

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



19.4519, 0.5707, 0.3851



18.9225, 0.1864, 0.1909

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.



19.4519, 0.1264, 0.1469



19.4519, 0.5707, 0.3851



19.4519, 0.1150, 0.2796

Square

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



19.4519, 0.5707, 0.3851



19.4519, 0.2740, 0.5871



19.4519, 0.1036, 0.1836



19.4519, 0.2978, 0.1764

Rectangle

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



19.4519, 0.5707, 0.3851



19.4519, 0.4302, 0.5433



19.4519, 0.1036, 0.1836



19.4519, 0.1619, 0.1434

Sweetspot

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



19.4532, 0.5707, 0.3851



70.1804, 0.3711, 0.3609



14.7270, 0.4553, 0.2282



14.2687, 0.3815, 0.3656



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.



19.4532, 0.5707, 0.3851



30.8107, 0.5727, 0.3835



48.5140, 0.4382, 0.4903



12.5751, 0.3281, 0.3384



12.4295, 0.5682, 0.3870



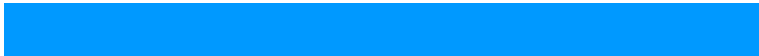
0.8486, 0.5347, 0.4136

Inverse Universe

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



18.9225, 0.1864, 0.1909



29.9228, 0.1859, 0.1892



5.0308, 0.1517, 0.0662



12.5786, 0.2983, 0.3195



12.1106, 0.1870, 0.1930



0.8303, 0.1946, 0.2206

Previews

White Background



This preview shows how the Yxy color 19.4519, 0.5707, 0.3851 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 19.4519, 0.5707, 0.3851 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 19.4519, 0.5707, 0.3851

Background



This preview shows how black text looks on a background with the Yxy color 19.4519, 0.5707, 0.3851.



This preview shows how white text looks on a background with the Yxy color 19.4519, 0.5707, 0.3851.

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

19.4519, 0.5707, 0.3851

Protanopia

19.6197, 0.4333, 0.4806

Tritanopia

19.4723, 0.5072, 0.3241

Trichromacy



Original Color

19.4519, 0.5707, 0.3851

Protanomaly

18.5407, 0.4895, 0.4419

Tritanomaly

19.2498, 0.5440, 0.3559

Monochromacy



Original Color

19.4519, 0.5707, 0.3851

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

15.8733, 0.4240, 0.3814

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.4519, 0.5707, 0.3851 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(207, 83, 0)` looks like.

```
.text, #text, p{  
    color:rgb(207, 83, 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(207, 83, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 83, 0) }
```

Border

The CSS property to change the border of an element to Yxy 19.4519, 0.5707, 0.3851 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(207, 83, 0) }
```

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

```
.border{ border-color:rgb(207, 83, 0) }
```

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

Here you see how a box with a 4 pixel rgb(207, 83, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 83, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 83, 0);  
box-shadow:4px 4px 4px 4px rgb(207, 83, 0)  
}
```

Background

The CSS property to change the background color of an element to Yxy 19.4519, 0.5707, 0.3851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 83, 0) }
```

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

```
.background{ background-color: rgb(207, 83,  
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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