

Converting Colors

$Y_{xy}(19.4257, 0.5481, 0.4030)$

Have a look what the booklet for
Yxy(19.4257, 0.5481, 0.4030)
contains.

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Color

Yxy(19.4308, 0.5480, 0.4031)

Conversions

Conversions Part 1

Format	Color
Hex	C35D00
RGB	195, 93, 0
RGB Percent	76%, 36%, 0%
CMY	0.2354, 0.6352, 1.0000
CMYK	0.00, 0.52, 1.00, 0.24
HSL	29°, 100%, 38%
HSV	29°, 100%, 76%
XYZ	26.4155, 19.4308, 2.3571
YIQ	112.8960, 90.6450, -7.2990

Conversions

Conversions Part 2

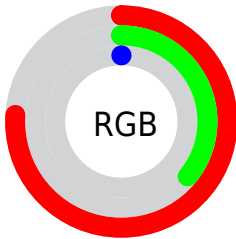
Format	Color
RYB	195, 178, 0
Decimal	12803328
CIELab	51.19, 36.69, 60.10
CIELCh	51, 70.416, 58.594
Yxy	19.4308, 0.5480, 0.4031
Android (android.graphics.Color)	4290993408 (0xFFC35D00)
YUV	112.8960, -55.6577, 72.0052
Hunter-Lab	44.0804, 29.8267, 27.6858

Details

The Yxy color **19.4308, 0.5480, 0.4031** 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 **13.4324, 0.1791, 0.1649**, and the grayscale version is **16.6312, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.8586, 0.5024, 0.4026**, and **6.7961, 0.5864, 0.3726** is the 20% darker color. If you saturate the color by 10%, you get **19.4320, 0.5480, 0.4031**, and if you desaturate by 10%, it is **21.3919, 0.5267, 0.4098**.

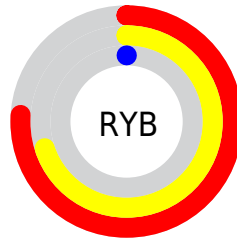
Distribution



Red (76%)

Green (36%)

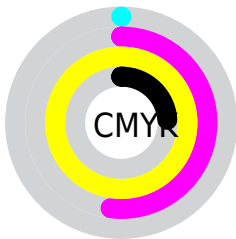
Blue (0%)



Red (76%)

Yellow (70%)

Blue (0%)

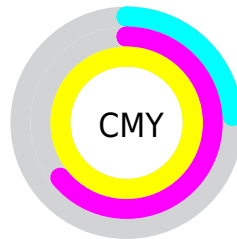


Cyan (0%)

Magenta (52%)

Yellow (100%)

Black (24%)



Cyan (24%)


Magenta (64%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.4308, 0.5480, 0.4031 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 19.4308, 0.5480, 0.4031 by changing the saturation by 10% instead.


 19.4308, 0.5480,
0.4031


 19.4308, 0.5480,
0.4031


248.8168, 0.4239,
0.3807

 11.9820, 0.5754,
0.3992


 42.4608, 0.5043,
0.4012


 6.7314, 0.6099,
0.3901


 58.8107, 0.4872,
0.3984

 3.2947, 0.6382,
0.3618

 78.8965, 0.4725,
0.3953

 1.2875, 0.6827,
0.3173

 103.1026, 0.4599,
0.3921


 0.1315, 0.8872,
0.1128


 131.8132, 0.4490,
0.3890


 0.0000, 0.0000,
0.0000


 165.4129, 0.4395,


0.3860

 204.2859, 0.4312,
0.3833

 19.4308, 0.5480,
0.4031


 19.4308, 0.5480,
0.4031


 19.4320, 0.5480,
0.4031

 21.3919, 0.5267,
0.4098

 23.6484, 0.5018,
0.4118

 26.2272, 0.4741,
0.4086

 29.1453, 0.4456,
0.4012

 32.4178, 0.4179,
0.3909

■ 36.0588, 0.3919,
0.3789

■ 40.0813, 0.3683,
0.3661

■ 44.4977, 0.3473,
0.3532

■ 49.3194, 0.3288,
0.3408

Harmonies

Analogous

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



19.4308, 0.5503, 0.3240



19.4308, 0.5480, 0.4031



19.4308, 0.4759, 0.4918

Triad

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



19.4308, 0.5480, 0.4031



19.4308, 0.1680, 0.4077



19.4308, 0.2116, 0.1600

Complementary

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



19.4308, 0.5480, 0.4031



13.4324, 0.1791, 0.1649

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.



19.4308, 0.1446, 0.1548



19.4308, 0.5480, 0.4031



19.4308, 0.1215, 0.2628

Square

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



19.4308, 0.5480, 0.4031



19.4308, 0.2599, 0.5494



19.4308, 0.1162, 0.1836



19.4308, 0.3244, 0.1938

Rectangle

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



19.4308, 0.5480, 0.4031



19.4308, 0.4079, 0.5467



19.4308, 0.1162, 0.1836



19.4308, 0.1843, 0.1550

Sweetspot

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



19.4320, 0.5480, 0.4031



71.4549, 0.3693, 0.3667



12.5982, 0.4825, 0.2432



14.9537, 0.3792, 0.3722



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.



19.4320, 0.5480, 0.4031



34.3199, 0.5504, 0.4012



47.7697, 0.4253, 0.5005



10.8529, 0.3277, 0.3400



12.7992, 0.5458, 0.4048



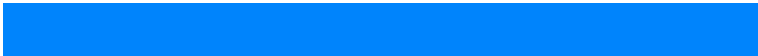
0.6910, 0.5104, 0.4329

Inverse Universe

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



13.4324, 0.1791, 0.1649



23.5606, 0.1784, 0.1624



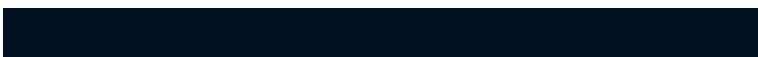
4.0802, 0.1506, 0.0619



10.5999, 0.2984, 0.3177



8.9020, 0.1798, 0.1672



0.5220, 0.1907, 0.2064

Previews

White Background



This preview shows how the Yxy color 19.4308, 0.5480, 0.4031 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 19.4308, 0.5480, 0.4031 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 19.4308, 0.5480, 0.4031

Background



This preview shows how black text looks on a background with the Yxy color 19.4308, 0.5480, 0.4031.



This preview shows how white text looks on a background with the Yxy color 19.4308, 0.5480, 0.4031.

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

19.4308, 0.5480, 0.4031

Protanopia

19.6129, 0.4341, 0.4817

Deuteranopia

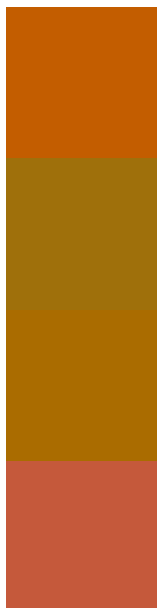
19.4593, 0.4713, 0.4640



Tritanopia

19.5949, 0.4722, 0.3232

Trichromacy



Original Color

19.4308, 0.5480, 0.4031

Protanomaly

18.9834, 0.4792, 0.4514

Deuteranomaly

19.2712, 0.5012, 0.4402

Tritanomaly

19.3308, 0.5153, 0.3637

Monochromacy



Original Color

19.4308, 0.5480, 0.4031

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

16.6156, 0.4136, 0.3894

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.4308, 0.5480, 0.4031 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(195, 93, 0)` looks like.

```
.text, #text, p{  
    color:rgb(195, 93, 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(195, 93, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 93, 0) }
```

Border

The CSS property to change the border of an element to Yxy 19.4308, 0.5480, 0.4031 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(195, 93, 0) }
```

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

```
.border{ border-color:rgb(195, 93, 0) }
```

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

Here you see how a box with a 4 pixel rgb(195, 93, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 93, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 93, 0);  
box-shadow:4px 4px 4px 4px rgb(195, 93, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 19.4308, 0.5480, 0.4031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 93, 0) }
```

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

```
.background{ background-color: rgb(195, 93,  
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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