

Converting Colors

$Yxy(19.0306, 0.5443, 0.4060)$

Have a look what the booklet for
Yxy(19.0306, 0.5443, 0.4060)
contains.

| | |
|--|----|
| Yxy(19.0818, 0.5433, 0.4068) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(19.0818, 0.5433, 0.4068)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | BF5E00 |
| RGB | 191, 94, 0 |
| RGB Percent | 75%, 37%, 0% |
| CMY | 0.2511, 0.6313, 0.9999 |
| CMYK | 0.00, 0.51, 1.00, 0.25 |
| HSL | 30°, 100%, 37% |
| HSV | 30°, 100%, 75% |
| XYZ | 25.4846, 19.0818, 2.3407 |
| YIQ | 112.2870, 87.9860, -8.6700 |

Conversions

Conversions Part 2

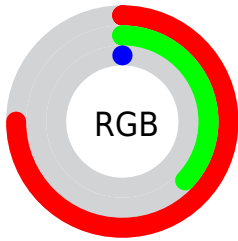
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 191, 185, 0 |
| Decimal | 12541440 |
| CIE _{Lab} | 50.78, 34.56, 59.53 |
| CIE _{LCh} | 51, 68.836, 59.864 |
| Yxy | 19.0818, 0.5433, 0.4068 |
| Android (android.graphics.Color) | 4290731520 (0xFFBF5E00) |
| YUV | 112.2870, -55.3575, 69.0313 |
| Hunter-Lab | 43.6827, 27.6926, 27.4010 |

Details

The Yxy color **19.0818, 0.5433, 0.4068** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **12.3073, 0.1778, 0.1600**, and the grayscale version is **16.4414, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.9764, 0.5006, 0.4039**, and **6.6226, 0.5793, 0.3782** is the 20% darker color. If you saturate the color by 10%, you get **19.0801, 0.5433, 0.4068**, and if you desaturate by 10%, it is **20.9651, 0.5225, 0.4131**.

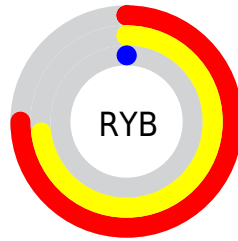
Distribution



Red (75%)

Green (37%)

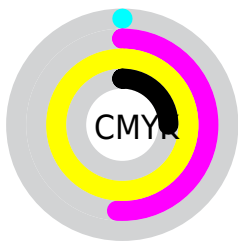
Blue (0%)



Red (75%)

Yellow (73%)

Blue (0%)

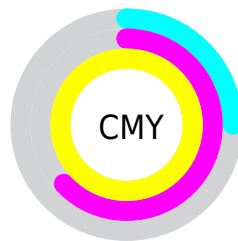


Cyan (0%)

Magenta (51%)

Yellow (100%)

Black (25%)



Cyan (25%)


Magenta (63%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.0818, 0.5433, 0.4068 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 19.0818, 0.5433, 0.4068 by changing the saturation by 10% instead.


 19.0818, 0.5433,
0.4068


 19.0818, 0.5433,
0.4068


246.9000, 0.4213,
0.3817


 11.7294, 0.5703,
0.4037


 41.8723, 0.5003,
0.4038


 6.5597, 0.6044,
0.3956


 58.0791, 0.4834,
0.4005

 3.1883, 0.6320,
0.3680

 78.0063, 0.4690,
0.3971

 1.2308, 0.6759,
0.3241

 102.0381, 0.4566,
0.3936

 0.0867, 0.9147,
0.0853


 130.5590, 0.4459,
0.3903

 0.0000, 0.0000,
0.0000


 163.9533, 0.4366,


0.3872


 202.6055, 0.4285,
0.3843


 19.0818, 0.5433,
0.4068

 19.0818, 0.5433,
0.4068

 19.0801, 0.5433,
0.4068

 20.9651, 0.5225,
0.4131

 23.1182, 0.4984,
0.4146

 25.5661, 0.4715,
0.4111

 28.3242, 0.4437,
0.4033

 31.4064, 0.4166,
0.3927

■ 34.8253, 0.3911,
0.3803

■ 38.5926, 0.3678,
0.3671

■ 42.7195, 0.3471,
0.3539

■ 47.2165, 0.3287,
0.3411

Harmonies

Analogous

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



19.0818, 0.5485, 0.3279



19.0818, 0.5433, 0.4068



19.0818, 0.4707, 0.4943

Triad

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



19.0818, 0.5433, 0.4068



19.0818, 0.1673, 0.3995



19.0818, 0.2168, 0.1628

Complementary

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



19.0818, 0.5433, 0.4068



12.3073, 0.1778, 0.1600

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.



19.0818, 0.1485, 0.1565



19.0818, 0.5433, 0.4068



19.0818, 0.1228, 0.2596

Square

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



19.0818, 0.5433, 0.4068



19.0818, 0.2567, 0.5413



19.0818, 0.1188, 0.1835



19.0818, 0.3299, 0.1975

Rectangle

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



19.0818, 0.5433, 0.4068



19.0818, 0.4031, 0.5469



19.0818, 0.1188, 0.1835



19.0818, 0.1891, 0.1574

Sweetspot

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



19.0828, 0.5433, 0.4068



68.7919, 0.3689, 0.3678



11.9689, 0.4893, 0.2469



14.4593, 0.3786, 0.3734



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.



19.0828, 0.5433, 0.4068



33.6971, 0.5457, 0.4049



46.9524, 0.4222, 0.5029



10.2910, 0.3276, 0.3403



12.7030, 0.5412, 0.4085



0.6286, 0.5046, 0.4376

Inverse Universe

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



12.3073, 0.1778, 0.1600



21.5551, 0.1771, 0.1574



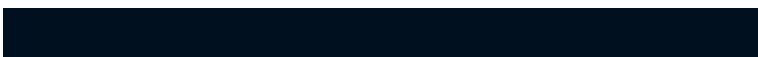
3.8305, 0.1503, 0.0610



10.0045, 0.2984, 0.3174



8.2500, 0.1784, 0.1623



0.4539, 0.1904, 0.2055

Previews

White Background



This preview shows how the Yxy color 19.0818, 0.5433, 0.4068 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 19.0818, 0.5433, 0.4068 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 19.0818, 0.5433, 0.4068

Background



This preview shows how black text looks on a background with the Yxy color 19.0818, 0.5433, 0.4068.



This preview shows how white text looks on a background with the Yxy color 19.0818, 0.5433, 0.4068.

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

19.0818, 0.5433, 0.4068

Protanopia

19.2779, 0.4345, 0.4821

Deuteranopia

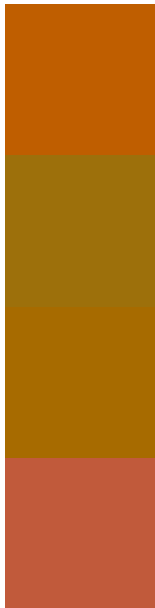
19.1315, 0.4716, 0.4637



Tritanopia

19.0760, 0.4661, 0.3217

Trichromacy



Original Color

19.0818, 0.5433, 0.4068

Protanomaly

18.7806, 0.4768, 0.4532

Deuteranomaly

18.7309, 0.4996, 0.4415

Tritanomaly

18.9656, 0.5103, 0.3661

Monochromacy



Original Color

19.0818, 0.5433, 0.4068

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

16.2208, 0.4130, 0.3901

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0818, 0.5433, 0.4068 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(191, 94, 0)` looks like.

```
.text, #text, p{  
    color:rgb(191, 94, 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(191, 94, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 94, 0) }
```

Border

The CSS property to change the border of an element to Yxy 19.0818, 0.5433, 0.4068 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(191, 94, 0) }
```

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

```
.border{ border-color:rgb(191, 94, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 94, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 94, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 94, 0);  
box-shadow:4px 4px 4px 4px rgb(191, 94, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 19.0818, 0.5433, 0.4068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 94, 0) }
```

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

```
.background{ background-color: rgb(191, 94,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor