

Converting Colors

$Y_{xy}(18.4552, 0.5367, 0.3952)$

Have a look what the booklet for
Yxy(18.4552, 0.5367, 0.3952)
contains.

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Color

Yxy(18.4995, 0.5372, 0.3952)

Conversions

Conversions Part 1

Format	Color
Hex	BE5B19
RGB	190, 91, 25
RGB Percent	75%, 36%, 10%
CMY	0.2550, 0.6430, 0.9020
CMYK	0.00, 0.52, 0.87, 0.26
HSL	24°, 77%, 42%
HSV	24°, 87%, 74%
XYZ	25.1466, 18.4995, 3.1644
YIQ	113.0770, 80.1900, 0.4620

Conversions

Conversions Part 2

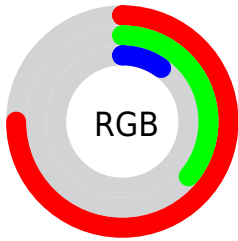
Format	Color
RYB	190, 135, 25
Decimal	12475161
CIELab	50.10, 36.09, 52.47
CIElCh	50, 63.680, 55.482
Yxy	18.4995, 0.5372, 0.3952
Android (android.graphics.Color)	4290665241 (0xFFBE5B19)
YUV	113.0770, -43.4220, 67.4615
Hunter-Lab	43.0110, 29.0914, 25.7457

Details

The Yxy color **18.4995, 0.5372, 0.3952** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **18.3220, 0.1951, 0.2117**, and the grayscale version is **16.6529, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.8622, 0.4923, 0.3923**, and **6.3317, 0.5873, 0.3719** is the 20% darker color. If you saturate the color by 10%, you get **16.6406, 0.5624, 0.3883**, and if you desaturate by 10%, it is **20.7109, 0.5075, 0.3970**.

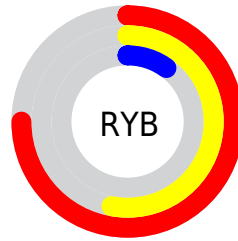
Distribution



Red (75%)

Green (36%)

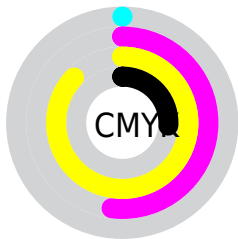
Blue (10%)



Red (75%)

Yellow (53%)

Blue (10%)

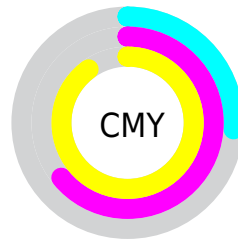


Cyan (0%)

Magenta (52%)

Yellow (87%)

Black (26%)



Cyan (26%)


Magenta (64%)

Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.4995, 0.5372, 0.3952 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 18.4995, 0.5372, 0.3952 by changing the saturation by 10% instead.


 18.4995, 0.5372,
0.3952


 18.4995, 0.5372,
0.3952


243.6716, 0.4149,
0.3732


 11.3092, 0.5664,
0.3926


 40.8866, 0.4924,
0.3922


 6.2752, 0.6106,
0.3894


 56.8523, 0.4754,
0.3893

 3.0131, 0.6399,
0.3601

 76.5118, 0.4611,
0.3863

 1.1386, 0.6865,
0.3135

 100.2496, 0.4490,
0.3833


 0.0107, 0.9882,
0.0118


 128.4501, 0.4386,
0.3805


 0.0000, 0.0000,
0.0000

 161.4977, 0.4296,


0.3779


 199.7767, 0.4217,
0.3754


 18.4995, 0.5372,
0.3952


 18.4995, 0.5372,
0.3952


 16.6406, 0.5624,
0.3883

 20.7109, 0.5075,
0.3970

 16.1179, 0.5699,
0.3857

 23.2949, 0.4756,
0.3940

 26.2721, 0.4438,
0.3872

 29.6605, 0.4139,
0.3781

 33.4767, 0.3867,
0.3677

■ 37.7363, 0.3626,
0.3568

■ 42.4538, 0.3417,
0.3460

■ 47.6434, 0.3236,
0.3357

■ 53.3182, 0.3081,
0.3260

Harmonies

Analogous

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



18.4995, 0.5276, 0.3198



18.4995, 0.5372, 0.3952



18.4995, 0.4778, 0.4771

Triad

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



18.4995, 0.5372, 0.3952



18.4995, 0.1861, 0.4171



18.4995, 0.2101, 0.1678

Complementary

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



18.4995, 0.5372, 0.3952



18.3220, 0.1951, 0.2117

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.



18.4995, 0.1499, 0.1663



18.4995, 0.5372, 0.3952



18.4995, 0.1357, 0.2808

Square

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



18.4995, 0.5372, 0.3952



18.4995, 0.2769, 0.5366



18.4995, 0.1260, 0.1990



18.4995, 0.3117, 0.1975

Rectangle

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



18.4995, 0.5372, 0.3952



18.4995, 0.4165, 0.5271



18.4995, 0.1260, 0.1990



18.4995, 0.1855, 0.1640

Sweetspot

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



18.5005, 0.5372, 0.3952



68.7518, 0.3617, 0.3563



13.0931, 0.4305, 0.2236



14.4793, 0.3697, 0.3602



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.



18.5005, 0.5372, 0.3952



28.7628, 0.5726, 0.3835



41.0829, 0.4315, 0.4865



10.1463, 0.3279, 0.3382



10.8656, 0.5676, 0.3875



0.5541, 0.5239, 0.4222

Inverse Universe

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



18.3220, 0.1951, 0.2117



28.0248, 0.1860, 0.1897



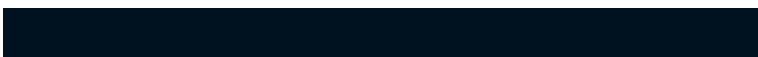
5.5429, 0.1609, 0.0849



10.1512, 0.2984, 0.3196



10.6236, 0.1872, 0.1939



0.5409, 0.1972, 0.2298

Previews

White Background



This preview shows how the Yxy color 18.4995, 0.5372, 0.3952 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 18.4995, 0.5372, 0.3952 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 18.4995, 0.5372, 0.3952

Background



This preview shows how black text looks on a background with the Yxy color 18.4995, 0.5372, 0.3952.



This preview shows how white text looks on a background with the Yxy color 18.4995, 0.5372, 0.3952.

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

18.4995, 0.5372, 0.3952

Protanopia

18.6056, 0.4257, 0.4712

Deuteranopia

18.7232, 0.4690, 0.4622



Tritanopia

18.4588, 0.4684, 0.3217

Trichromacy



Original Color

18.4995, 0.5372, 0.3952

Protanomaly

17.8960, 0.4692, 0.4416

Deuteranomaly

18.4441, 0.4961, 0.4367

Tritanomaly

18.2980, 0.5013, 0.3541

Monochromacy



Original Color

18.4995, 0.5372, 0.3952

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

16.3600, 0.3991, 0.3727

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.4995, 0.5372, 0.3952 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(190, 91, 25)` looks like.

```
.text, #text, p{  
    color:rgb(190, 91, 25)  
}
```

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(190, 91, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 91, 25) }
```

Border

The CSS property to change the border of an element to Yxy 18.4995, 0.5372, 0.3952 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(190, 91, 25) }
```

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

```
.border{ border-color:rgb(190, 91, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 91, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 91, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 91, 25);  
box-shadow:4px 4px 4px 4px rgb(190, 91,  
25) }
```


Background

The CSS property to change the background color of an element to Yxy 18.4995, 0.5372, 0.3952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 91, 25) }
```

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

```
.background{ background-color: rgb(190, 91,  
25) }
```

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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