

Converting Colors

$Y_{xy}(19.6580, 0.5187, 0.3904)$

Have a look what the booklet for
Yxy(19.6580, 0.5187, 0.3904)
contains.

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Color

Yxy(19.6093, 0.5187, 0.3899)

Conversions

Conversions Part 1

Format	Color
Hex	BF602A
RGB	191, 96, 42
RGB Percent	75%, 38%, 16%
CMY	0.2510, 0.6235, 0.8354
CMYK	0.00, 0.50, 0.78, 0.25
HSL	22°, 64%, 46%
HSV	22°, 78%, 75%
XYZ	26.0871, 19.6093, 4.5968
YIQ	118.2490, 73.9540, 3.3460

Conversions

Conversions Part 2

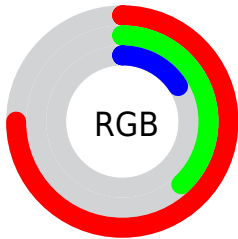
Format	Color
RYB	191, 127, 42
Decimal	12541994
CIELab	51.39, 34.45, 46.55
CIELCh	51, 57.915, 53.497
Yxy	19.6093, 0.5187, 0.3899
Android (android.graphics.Color)	4290732074 (0xFFBF602A)
YUV	118.2490, -37.5908, 63.8026
Hunter-Lab	44.2824, 27.6614, 24.8430

Details

The Yxy color **19.6093, 0.5187, 0.3899** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **22.1338, 0.2053, 0.2355**, and the grayscale version is **18.3013, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.8178, 0.4766, 0.3851**, and **6.8583, 0.5761, 0.3808** is the 20% darker color. If you saturate the color by 10%, you get **17.4525, 0.5496, 0.3868**, and if you desaturate by 10%, it is **22.1775, 0.4850, 0.3882**.

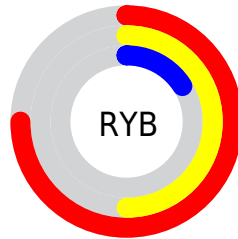
Distribution



Red (75%)

Green (38%)

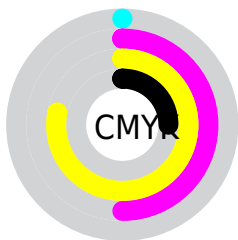
Blue (16%)



Red (75%)

Yellow (50%)

Blue (16%)

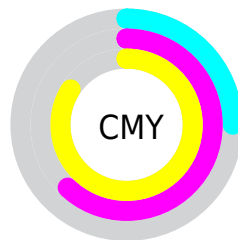


Cyan (0%)

Magenta (50%)

Yellow (78%)

Black (25%)



Cyan (25%)


Magenta (62%)

Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.6093, 0.5187, 0.3899 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 19.6093, 0.5187, 0.3899 by changing the saturation by 10% instead.


 19.6093, 0.5187,
0.3899


 19.6093, 0.5187,
0.3899


249.7921, 0.4051,
0.3674


 12.1114, 0.5475,
0.3895


 42.7612, 0.4762,
0.3853

 6.8196, 0.5847,
0.3854


 59.1839, 0.4604,
0.3824


 3.3495, 0.6296,
0.3704

 79.3503, 0.4473,
0.3794

 1.3168, 0.6720,
0.3280

 103.6449, 0.4362,
0.3766

 0.1542, 0.8660,
0.1340

 132.4519, 0.4267,
0.3740

 0.0000, 0.0000,
0.0000

 166.1559, 0.4185,

0.3716

205.1412, 0.4114,
0.3694

■ 19.6093, 0.5187,
0.3899

■ 19.6093, 0.5187,
0.3899

■ 17.4525, 0.5496,
0.3868

■ 22.1775, 0.4850,
0.3882

■ 15.6754, 0.5755,
0.3790

■ 25.1767, 0.4514,
0.3827

■ 15.3650, 0.5804,
0.3774

■ 28.6290, 0.4198,
0.3747

■ 32.5538, 0.3912,
0.3653

■ 36.9690, 0.3660,
0.3554

■ 41.8919, 0.3443,
0.3456

■ 47.3385, 0.3257,
0.3362

■ 53.3243, 0.3098,
0.3273

■ 59.8642, 0.2963,
0.3191

Harmonies

Analogous

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



19.6093, 0.5020, 0.3192



19.6093, 0.5187, 0.3899



19.6093, 0.4713, 0.4637

Triad

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



19.6093, 0.5187, 0.3899



19.6093, 0.2038, 0.4158



19.6093, 0.2149, 0.1797

Complementary

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



19.6093, 0.5187, 0.3899



22.1338, 0.2053, 0.2355

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.



19.6093, 0.1606, 0.1809



19.6093, 0.5187, 0.3899



19.6093, 0.1528, 0.2946

Square

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



19.6093, 0.5187, 0.3899



19.6093, 0.2898, 0.5150



19.6093, 0.1402, 0.2154



19.6093, 0.3056, 0.2059

Rectangle

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



19.6093, 0.5187, 0.3899



19.6093, 0.4176, 0.5069



19.6093, 0.1402, 0.2154



19.6093, 0.1927, 0.1769

Sweetspot

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



19.6104, 0.5187, 0.3899



70.2078, 0.3555, 0.3508



14.5896, 0.4006, 0.2167



14.7248, 0.3637, 0.3544



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.



19.6104, 0.5187, 0.3899



28.8236, 0.5693, 0.3812



39.4891, 0.4318, 0.4733



10.0875, 0.3280, 0.3374



10.2379, 0.5779, 0.3793



0.5267, 0.5320, 0.4158

Inverse Universe

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



22.1338, 0.2053, 0.2355



33.0470, 0.1929, 0.2115



7.9560, 0.1735, 0.1131



10.2118, 0.2985, 0.3205



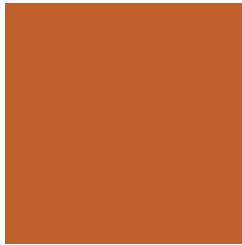
11.7355, 0.1909, 0.2072



0.5798, 0.1999, 0.2397

Previews

White Background



This preview shows how the Yxy color 19.6093, 0.5187, 0.3899 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 19.6093, 0.5187, 0.3899 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 19.6093, 0.5187, 0.3899

Background



This preview shows how black text looks on a background with the Yxy color 19.6093, 0.5187, 0.3899.



This preview shows how white text looks on a background with the Yxy color 19.6093, 0.5187, 0.3899.

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

19.6093, 0.5187, 0.3899

Protanopia

19.7060, 0.4135, 0.4538

Deuteranopia

19.7140, 0.4539, 0.4476



Tritanopia

19.6262, 0.4591, 0.3216

Trichromacy



Original Color

19.6093, 0.5187, 0.3899

Protanomaly

19.1756, 0.4543, 0.4290

Deuteranomaly

19.2927, 0.4786, 0.4244

Tritanomaly

19.5136, 0.4860, 0.3496

Monochromacy



Original Color

19.6093, 0.5187, 0.3899

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.9098, 0.3887, 0.3645

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.6093, 0.5187, 0.3899 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, 96, 42)` looks like.

```
.text, #text, p{  
    color:rgb(191, 96, 42)  
}
```

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, 96, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 96, 42) }
```

Border

The CSS property to change the border of an element to Yxy 19.6093, 0.5187, 0.3899 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, 96, 42) }
```

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

```
.border{ border-color:rgb(191, 96, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 96, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 96, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 96, 42);  
box-shadow:4px 4px 4px 4px rgb(191, 96,  
42) }
```


Background

The CSS property to change the background color of an element to Yxy 19.6093, 0.5187, 0.3899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 96, 42) }
```

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

```
.background{ background-color: rgb(191, 96,  
42) }
```

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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