

Converting Colors

$Y_{xy}(19.0682, 0.4896, 0.3729)$

Have a look what the booklet for
Yxy(19.0682, 0.4896, 0.3729)
contains.

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Color

Yxy(19.0389, 0.4902, 0.3720)

Conversions

Conversions Part 1

Format	Color
Hex	B9603F
RGB	185, 96, 63
RGB Percent	73%, 38%, 25%
CMY	0.2745, 0.6235, 0.7530
CMYK	0.00, 0.48, 0.66, 0.27
HSL	16°, 49%, 49%
HSV	16°, 66%, 73%
XYZ	25.0884, 19.0389, 7.0526
YIQ	118.8490, 63.6370, 8.6050

Conversions

Conversions Part 2

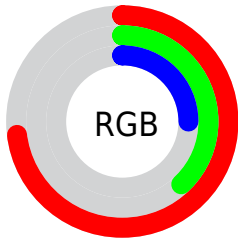
Format	Color
RYB	185, 108, 63
Decimal	12148799
CIELab	50.73, 33.10, 34.74
CIELCh	51, 47.978, 46.386
Yxy	19.0389, 0.4902, 0.3720
Android (android.graphics.Color)	4290338879 (0xFFB9603F)
YUV	118.8490, -27.5336, 58.0144
Hunter-Lab	43.6336, 26.2748, 20.9604

Details

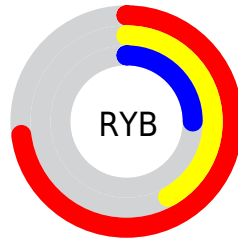
The Yxy color **19.0389, 0.4902, 0.3720** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **27.0113, 0.2226, 0.2728**, and the grayscale version is **18.4713, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.7621, 0.4503, 0.3675**, and **6.5887, 0.5553, 0.3704** is the 20% darker color. If you saturate the color by 10%, you get **16.6120, 0.5283, 0.3730**, and if you desaturate by 10%, it is **21.9600, 0.4529, 0.3679**.

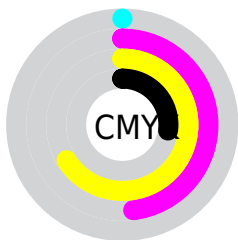
Distribution



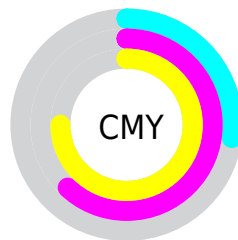
- Red (73%)
- Green (38%)
- Blue (25%)



- Red (73%)
- Yellow (42%)
- Blue (25%)



- Cyan (0%)
- Magenta (48%)
- Yellow (66%)
- Black (27%)




- Cyan (27%)
- Magenta (62%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.0389, 0.4902, 0.3720 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 19.0389, 0.4902, 0.3720 by changing the saturation by 10% instead.


 19.0389, 0.4902,
0.3720


 19.0389, 0.4902,
0.3720


246.6634, 0.3894,
0.3549

 11.6984, 0.5184,
0.3727


 41.7998, 0.4509,
0.3678


 6.5387, 0.5555,
0.3703


 57.9890, 0.4369,
0.3656


 3.1753, 0.6217,
0.3701

 77.8966, 0.4254,
0.3634

 1.2239, 0.6697,
0.3303

 101.9069, 0.4158,
0.3614

 0.0811, 0.9161,
0.0839

 130.4043, 0.4076,
0.3595

 0.0000, 0.0000,
0.0000

 163.7733, 0.4007,

0.3578

202.3982, 0.3946,
0.3563

■ 19.0389, 0.4902,
0.3720

■ 19.0389, 0.4902,
0.3720

■ 16.6120, 0.5283,
0.3730

■ 21.9600, 0.4529,
0.3679

■ 14.6475, 0.5638,
0.3699

■ 25.3985, 0.4187,
0.3618

■ 13.1134, 0.5928,
0.3625

■ 29.3800, 0.3885,
0.3547

■ 12.6016, 0.6031,
0.3593

■ 33.9270, 0.3626,
0.3473

■ 39.0610, 0.3407,
0.3399

■ 44.8023, 0.3222,
0.3329

■ 51.1701, 0.3068,
0.3264

■ 58.1828, 0.2938,
0.3204

■ 65.8582, 0.2829,
0.3150

Harmonies

Analogous

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



19.0389, 0.4591, 0.3094



19.0389, 0.4902, 0.3720



19.0389, 0.4647, 0.4356

Triad

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



19.0389, 0.4902, 0.3720



19.0389, 0.2371, 0.4241



19.0389, 0.2148, 0.1969

Complementary

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



19.0389, 0.4902, 0.3720



27.0113, 0.2226, 0.2728

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.



19.0389, 0.1733, 0.2056



19.0389, 0.4902, 0.3720



19.0389, 0.1827, 0.3243

Square

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



19.0389, 0.4902, 0.3720



19.0389, 0.3167, 0.4903



19.0389, 0.1622, 0.2462



19.0389, 0.2870, 0.2145

Rectangle

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



19.0389, 0.4902, 0.3720



19.0389, 0.4244, 0.4723



19.0389, 0.1622, 0.2462



19.0389, 0.1975, 0.1966

Sweetspot

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



19.0399, 0.4902, 0.3720



65.8028, 0.3498, 0.3431



16.1505, 0.3655, 0.2147



13.6382, 0.3560, 0.3452



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



19.0399, 0.4902, 0.3720



28.1262, 0.5442, 0.3722



34.6302, 0.4261, 0.4488



9.3971, 0.3281, 0.3352



8.6856, 0.6009, 0.3611



0.4124, 0.5490, 0.4023

Inverse Universe

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



27.0113, 0.2226, 0.2728



43.1227, 0.2103, 0.2584



12.1195, 0.1966, 0.1634



9.7884, 0.2985, 0.3227



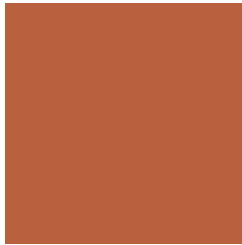
14.2978, 0.2000, 0.2399



0.6008, 0.2071, 0.2656

Previews

White Background



This preview shows how the Yxy color 19.0389, 0.4902, 0.3720 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 19.0389, 0.4902, 0.3720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

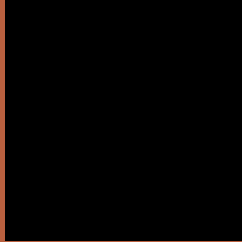
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 19.0389, 0.4902, 0.3720

Background



This preview shows how black text looks on a background with the Yxy color 19.0389, 0.4902, 0.3720.



This preview shows how white text looks on a background with the Yxy color 19.0389, 0.4902, 0.3720.

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

19.0389, 0.4902, 0.3720

Protanopia

19.1292, 0.3869, 0.4186

Deuteranopia

19.2906, 0.4289, 0.4218



Tritanopia

19.1009, 0.4460, 0.3212

Trichromacy



Original Color

19.0389, 0.4902, 0.3720

Protanomaly

18.6934, 0.4243, 0.4002

Deuteranomaly

19.0501, 0.4525, 0.4031

Tritanomaly

18.9237, 0.4640, 0.3403

Monochromacy



Original Color

19.0389, 0.4902, 0.3720

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

18.1094, 0.3729, 0.3506

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0389, 0.4902, 0.3720 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(185, 96, 63)` looks like.

```
.text, #text, p{  
    color:rgb(185, 96, 63)  
}
```

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(185, 96, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 96, 63) }
```

Border

The CSS property to change the border of an element to Yxy 19.0389, 0.4902, 0.3720 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(185, 96, 63) }
```

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

```
.border{ border-color:rgb(185, 96, 63) }
```

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

Here you see how a box with a 4 pixel rgb(185, 96, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 96, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 96, 63);  
box-shadow:4px 4px 4px 4px rgb(185, 96,  
63) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0389, 0.4902, 0.3720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 96, 63) }
```

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

```
.background{ background-color: rgb(185, 96,  
63) }
```

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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