

Converting Colors

$Y_{xy}(19.7702, 0.4897, 0.3627)$

Have a look what the booklet for
Yxy(19.7702, 0.4897, 0.3627)
contains.

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Color

Yxy(19.6905, 0.4902, 0.3622)

Conversions

Conversions Part 1

Format	Color
Hex	BF5F45
RGB	191, 95, 69
RGB Percent	75%, 37%, 27%
CMY	0.2510, 0.6274, 0.7295
CMYK	0.00, 0.50, 0.64, 0.25
HSL	13°, 49%, 51%
HSV	13°, 64%, 75%
XYZ	26.6490, 19.6905, 8.0241
YIQ	120.7400, 65.5620, 12.2660

Conversions

Conversions Part 2

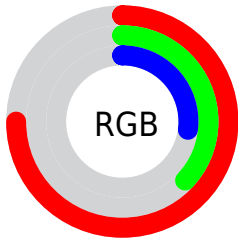
Format	Color
R_{YB}	191, 102, 69
Decimal	12541765
CIE _{Lab}	51.49, 36.37, 32.50
CIE _{LCh}	51, 48.776, 41.788
Yxy	19.6905, 0.4902, 0.3622
Android (android.graphics.Color)	4290731845 (0xFFBF5F45)
YUV	120.7400, -25.5078, 61.6180
Hunter-Lab	44.3740, 29.5447, 20.3405

Details

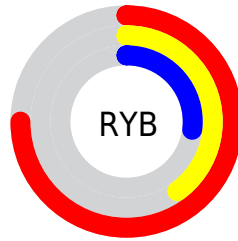
The Yxy color **19.6905, 0.4902, 0.3622** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **31.9189, 0.2273, 0.2867**, and the grayscale version is **19.1014, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.8709, 0.4514, 0.3594**, and **6.8483, 0.5562, 0.3587** is the 20% darker color. If you saturate the color by 10%, you get **17.0402, 0.5309, 0.3630**, and if you desaturate by 10%, it is **22.9412, 0.4509, 0.3589**.

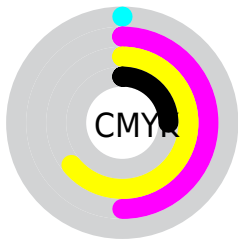
Distribution



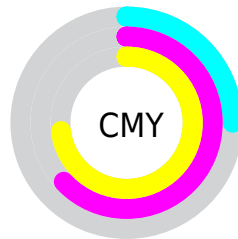
- Red (75%)
- Green (37%)
- Blue (27%)



- Red (75%)
- Yellow (40%)
- Blue (27%)



- Cyan (0%)
- Magenta (50%)
- Yellow (64%)
- Black (25%)



- Cyan (25%)
- Magenta (63%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.6905, 0.4902, 0.3622 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 19.6905, 0.4902, 0.3622 by changing the saturation by 10% instead.


 19.6905, 0.4902,
0.3622


 19.6905, 0.4902,
0.3622


250.2347, 0.3894,
0.3503

 12.1703, 0.5186,
0.3618


 42.8977, 0.4509,
0.3599


 6.8597, 0.5562,
0.3583


 59.3534, 0.4369,
0.3583

 3.3745, 0.6150,
0.3519

 79.5564, 0.4254,
0.3568

 1.3303, 0.6797,
0.3203

 103.8911, 0.4158,
0.3553

 0.1645, 0.8658,
0.1342

 132.7419, 0.4077,
0.3539

 0.0000, 0.0000,
0.0000

166.4932, 0.4007,

0.3526

205.5293, 0.3947,
0.3514

■ 19.6905, 0.4902,
0.3622

■ 19.6905, 0.4902,
0.3622

■ 17.0402, 0.5309,
0.3630

■ 22.9412, 0.4509,
0.3589

■ 14.9495, 0.5692,
0.3603

■ 26.8234, 0.4155,
0.3539

■ 13.3769, 0.6003,
0.3540

■ 31.3699, 0.3847,
0.3482

■ 12.6430, 0.6155,
0.3495

■ 36.6102, 0.3587,
0.3423

■ 42.5720, 0.3369,
0.3365

■ 49.2814, 0.3189,
0.3310

■ 56.7633, 0.3039,
0.3259

■ 65.0413, 0.2914,
0.3213

■ 74.1381, 0.2810,
0.3171

Harmonies

Analogous

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



19.6905, 0.4501, 0.3001



19.6905, 0.4902, 0.3622



19.6905, 0.4724, 0.4264

Triad

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



19.6905, 0.4902, 0.3622



19.6905, 0.2478, 0.4387



19.6905, 0.2059, 0.1958

Complementary

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



19.6905, 0.4902, 0.3622



31.9189, 0.2273, 0.2867

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.



19.6905, 0.1690, 0.2090



19.6905, 0.4902, 0.3622



19.6905, 0.1883, 0.3392

Square

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



19.6905, 0.4902, 0.3622



19.6905, 0.3298, 0.4951



19.6905, 0.1626, 0.2553



19.6905, 0.2739, 0.2097

Rectangle

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



19.6905, 0.4902, 0.3622



19.6905, 0.4353, 0.4653



19.6905, 0.1626, 0.2553



19.6905, 0.1902, 0.1970

Sweetspot

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



19.6916, 0.4902, 0.3622



70.3063, 0.3482, 0.3396



18.1037, 0.3515, 0.2083



14.7751, 0.3547, 0.3413



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.



19.6916, 0.4902, 0.3622



28.7798, 0.5481, 0.3623



34.7423, 0.4301, 0.4373



9.8575, 0.3283, 0.3340



8.4082, 0.6133, 0.3512



0.4269, 0.5671, 0.3879

Inverse Universe

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



31.9189, 0.2273, 0.2867



52.0892, 0.2156, 0.2755



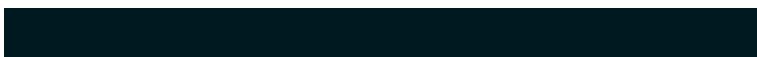
15.2486, 0.2031, 0.1825



10.4545, 0.2985, 0.3240



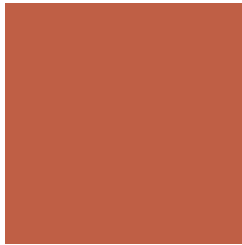
16.9791, 0.2055, 0.2597



0.7530, 0.2106, 0.2781

Previews

White Background



This preview shows how the Yxy color 19.6905, 0.4902, 0.3622 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 19.6905, 0.4902, 0.3622 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 19.6905, 0.4902, 0.3622

Background



This preview shows how black text looks on a background with the Yxy color 19.6905, 0.4902, 0.3622.



This preview shows how white text looks on a background with the Yxy color 19.6905, 0.4902, 0.3622.

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

19.6905, 0.4902, 0.3622

Protanopia

19.7988, 0.3788, 0.4093

Deuteranopia

19.6721, 0.4238, 0.4158



Tritanopia

19.7015, 0.4541, 0.3202

Trichromacy



Original Color

19.6905, 0.4902, 0.3622

Protanomaly

19.2868, 0.4200, 0.3915

Deuteranomaly

19.4376, 0.4494, 0.3939

Tritanomaly

19.5489, 0.4689, 0.3360

Monochromacy



Original Color

19.6905, 0.4902, 0.3622

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.6586, 0.3725, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.6905, 0.4902, 0.3622 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, 95, 69)` looks like.

```
.text, #text, p{  
    color:rgb(191, 95, 69)  
}
```

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, 95, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 95, 69) }
```

Border

The CSS property to change the border of an element to Yxy 19.6905, 0.4902, 0.3622 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, 95, 69) }
```

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

```
.border{ border-color:rgb(191, 95, 69) }
```

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

Here you see how a box with a 4 pixel rgb(191, 95, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 95, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 95, 69);  
box-shadow:4px 4px 4px 4px rgb(191, 95,  
69) }
```


Background

The CSS property to change the background color of an element to Yxy 19.6905, 0.4902, 0.3622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 95, 69) }
```

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

```
.background{ background-color: rgb(191, 95,  
69) }
```

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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