

Converting Colors

$Y_{xy}(19.0546, 0.4255, 0.3293)$

Have a look what the booklet for
Yxy(19.0546, 0.4255, 0.3293)
contains.

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Color

Yxy(19.0546, 0.4255, 0.3293)

Conversions

Conversions Part 1

Format	Color
Hex	B06363
RGB	176, 99, 99
RGB Percent	69%, 39%, 39%
CMY	0.3098, 0.6118, 0.6117
CMYK	0.00, 0.44, 0.44, 0.31
HSL	360°, 33%, 54%
HSV	360°, 44%, 69%
XYZ	24.6211, 19.0546, 14.1882
YIQ	122.0230, 45.8920, 16.3240

Conversions

Conversions Part 2

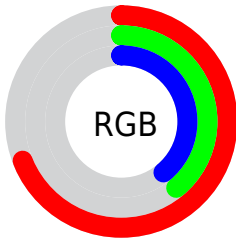
Format	Color
R _Y B	176, 99, 99
Decimal	11559779
CIE Lab	50.75, 31.01, 13.69
CIE LCh	51, 33.901, 23.822
Yxy	19.0546, 0.4255, 0.3293
Android (android.graphics.Color)	4289749859 (0xFFB06363)
YUV	122.0230, -11.3503, 47.3378
Hunter-Lab	43.6516, 24.2904, 11.2848

Details

The Yxy color **19.0546, 0.4255, 0.3293** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **36.8423, 0.2545, 0.3289**, and the grayscale version is **19.4971, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.8277, 0.3989, 0.3304**, and **6.5313, 0.4720, 0.3235** is the 20% darker color. If you saturate the color by 10%, you get **15.7756, 0.4673, 0.3294**, and if you desaturate by 10%, it is **23.1357, 0.3900, 0.3292**.

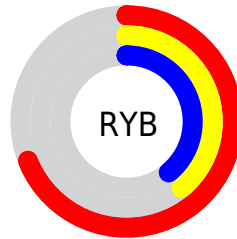
Distribution



Red (69%)

Green (39%)

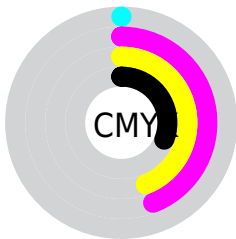
Blue (39%)



Red (69%)

Yellow (39%)

Blue (39%)

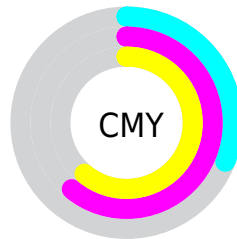


Cyan (0%)

Magenta (44%)

Yellow (44%)

Black (31%)



Cyan (31%)


Magenta (61%)


Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.0546, 0.4255, 0.3293 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 19.0546, 0.4255, 0.3293 by changing the saturation by 10% instead.


 19.0546, 0.4255,
0.3293


 19.0546, 0.4255,
0.3293


246.7500, 0.3602,
0.3312


 11.7097, 0.4455,
0.3276


 41.8263, 0.3993,
0.3307


 6.5464, 0.4736,
0.3243


 58.0220, 0.3902,
0.3310

 3.1801, 0.5160,
0.3175

 77.9367, 0.3828,
0.3312

 1.2264, 0.6035,
0.3107

 101.9549, 0.3767,
0.3313

 0.0831, 0.9096,
0.0904


130.4609, 0.3716,
0.3313


 0.0000, 0.0000,
0.0000

163.8392, 0.3672,


0.3313


202.4741, 0.3635,
0.3313


 19.0546, 0.4255,
0.3293

 19.0546, 0.4255,
0.3293


 15.7756, 0.4673,
0.3294


 23.1357, 0.3900,
0.3292


 13.2432, 0.5139,
0.3296


 28.0636, 0.3610,
0.3291


 11.3996, 0.5608,
0.3297


 33.8836, 0.3375,
0.3291

 10.1772, 0.6013,
0.3298

 40.6365, 0.3188,
0.3290


 9.4949, 0.6285,
0.3299


 48.3608, 0.3037,
0.3290

 9.2317, 0.6400,
0.3300

 57.0929, 0.2916,
0.3289

 66.8670, 0.2818,
0.3289

 77.7161, 0.2738,
0.3289

 87.9716, 0.2681,
0.3289

Harmonies

Analogous

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



19.0546, 0.3764, 0.2840



19.0546, 0.4255, 0.3293



19.0546, 0.4396, 0.3781

Triad

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



19.0546, 0.4255, 0.3293



19.0546, 0.3038, 0.4314



19.0546, 0.2143, 0.2343

Complementary

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



19.0546, 0.4255, 0.3293



36.8423, 0.2545, 0.3289

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.



19.0546, 0.1999, 0.2611



19.0546, 0.4255, 0.3293



19.0546, 0.2475, 0.3784

Square

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



19.0546, 0.4255, 0.3293



19.0546, 0.3657, 0.4453



19.0546, 0.2109, 0.3124



19.0546, 0.2529, 0.2315

Rectangle

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



19.0546, 0.4255, 0.3293



19.0546, 0.4276, 0.4084



19.0546, 0.2109, 0.3124



19.0546, 0.2068, 0.2404

Sweetspot

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



19.0556, 0.4255, 0.3293



62.0488, 0.3364, 0.3291



21.1406, 0.3161, 0.2234



12.9168, 0.3410, 0.3291



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



19.0556, 0.4255, 0.3293



28.5175, 0.4681, 0.3294



27.8028, 0.4003, 0.3838



8.5053, 0.3287, 0.3290



6.7724, 0.6400, 0.3300



0.2131, 0.6399, 0.3299

Inverse Universe

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



19.0556, 0.4255, 0.3293



28.5175, 0.4681, 0.3294



24.1913, 0.2439, 0.2660



8.5053, 0.3287, 0.3290



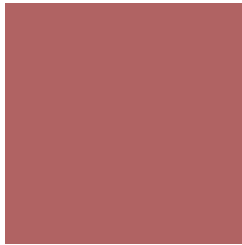
6.7724, 0.6400, 0.3300



0.2131, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 19.0546, 0.4255, 0.3293 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 19.0546, 0.4255, 0.3293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

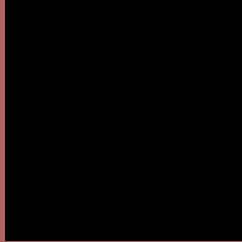
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.0546, 0.4255, 0.3293

Background



This preview shows how black text looks on a background with the Yxy color 19.0546, 0.4255, 0.3293.

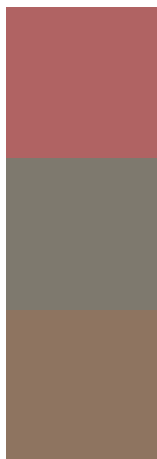


This preview shows how white text looks on a background with the Yxy color 19.0546, 0.4255, 0.3293.

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

19.0546, 0.4255, 0.3293

Protanopia

19.2362, 0.3320, 0.3498

Deuteranopia

19.0861, 0.3729, 0.3648



Tritanopia

19.1024, 0.4183, 0.3190

Trichromacy



Original Color

19.0546, 0.4255, 0.3293

Protanomaly

18.7802, 0.3638, 0.3415

Deuteranomaly

18.8850, 0.3915, 0.3511

Tritanomaly

19.0617, 0.4214, 0.3220

Monochromacy



Original Color

19.0546, 0.4255, 0.3293

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

19.0003, 0.3501, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0546, 0.4255, 0.3293 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(176, 99, 99)` looks like.

```
.text, #text, p{  
    color:rgb(176, 99, 99)  
}
```

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(176, 99, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 99, 99) }
```

Border

The CSS property to change the border of an element to Yxy 19.0546, 0.4255, 0.3293 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(176, 99, 99) }
```

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

```
.border{ border-color:rgb(176, 99, 99) }
```

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

Here you see how a box with a 4 pixel rgb(176, 99, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 99, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 99, 99);  
box-shadow:4px 4px 4px 4px rgb(176, 99,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0546, 0.4255, 0.3293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 99, 99) }
```

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

```
.background{ background-color: rgb(176, 99,  
99) }
```

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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