

Converting Colors

$Y_{xy}(19.3198, 0.4321, 0.3161)$

Have a look what the booklet for
Yxy(19.3198, 0.4321, 0.3161)
contains.

Yxy(19.1952, 0.4315, 0.3153)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(19.1952, 0.4315, 0.3153)

Conversions

Conversions Part 1

Format	Color
Hex	B85E68
RGB	184, 94, 104
RGB Percent	72%, 37%, 41%
CMY	0.2784, 0.6314, 0.5922
CMYK	0.00, 0.49, 0.43, 0.28
HSL	353°, 39%, 55%
HSV	353°, 49%, 72%
XYZ	26.2694, 19.1952, 15.4146
YIQ	122.0500, 50.4300, 22.1900

Conversions

Conversions Part 2

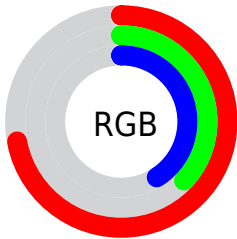
Format	Color
RYB	184, 94, 104
Decimal	12082792
CIELab	50.91, 37.27, 11.13
CIELCh	51, 38.894, 16.634
Yxy	19.1952, 0.4315, 0.3153
Android (android.graphics.Color)	4290272872 (0xFFB85E68)
YUV	122.0500, -8.8986, 54.3302
Hunter-Lab	43.8123, 30.3549, 9.8085

Details

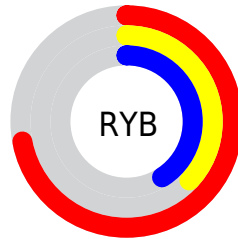
The Yxy color **19.1952, 0.4315, 0.3153** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **39.7202, 0.2550, 0.3445**, and the grayscale version is **19.4968, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.9790, 0.4044, 0.3194**, and **6.6088, 0.4811, 0.3060** is the 20% darker color. If you saturate the color by 10%, you get **16.0038, 0.4715, 0.3135**, and if you desaturate by 10%, it is **23.2331, 0.3970, 0.3179**.

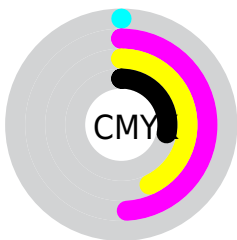
Distribution



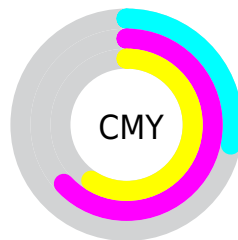
- Red (72%)
- Green (37%)
- Blue (41%)



- Red (72%)
- Yellow (37%)
- Blue (41%)



- Cyan (0%)
- Magenta (49%)
- Yellow (43%)
- Black (28%)





- Cyan (28%)
- Magenta (63%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.1952, 0.4315, 0.3153 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 19.1952, 0.4315, 0.3153 by changing the saturation by 10% instead.


 19.1952, 0.4315,
0.3153


 19.1952, 0.4315,
0.3153

247.5243, 0.3629,
0.3251


 11.8114, 0.4524,
0.3114


 42.0637, 0.4040,
0.3198

 6.6154, 0.4818,
0.3052


 58.3172, 0.3945,
0.3212

 3.2228, 0.5258,
0.2943

 78.2960, 0.3867,
0.3222

 1.2491, 0.6052,
0.2761

 102.3846, 0.3803,
0.3230

 0.1013, 0.9094,
0.0906

130.9673, 0.3749,
0.3237

 0.0000, 0.0000,
0.0000

164.4286, 0.3703,

0.3242

203.1527, 0.3664,
0.3247

■ 19.1952, 0.4315,
0.3153

■ 19.1952, 0.4315,
0.3153

■ 16.0038, 0.4715,
0.3135

■ 23.2331, 0.3970,
0.3179

■ 13.5957, 0.5154,
0.3130

■ 28.1687, 0.3684,
0.3208

■ 11.9041, 0.5592,
0.3144

■ 34.0527, 0.3452,
0.3238


■ 10.8492, 0.5972,
0.3178


■ 40.9312, 0.3264,
0.3266

■ 10.2933, 0.6243,
0.3223


■ 48.8471, 0.3112,
0.3293

 10.2432, 0.6267,
0.3226

 57.8410, 0.2990,
0.3317

 67.9513, 0.2891,
0.3340

 79.2144, 0.2810,
0.3360

 88.6899, 0.2739,
0.3329

Harmonies

Analogous

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



19.1952, 0.3679, 0.2674



19.1952, 0.4315, 0.3153



19.1952, 0.4578, 0.3693

Triad

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



19.1952, 0.4315, 0.3153



19.1952, 0.3182, 0.4563



19.1952, 0.1958, 0.2265

Complementary

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



19.1952, 0.4315, 0.3153



39.7202, 0.2550, 0.3445

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.



19.1952, 0.1863, 0.2623



19.1952, 0.4315, 0.3153



19.1952, 0.2516, 0.4037

Square

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



19.1952, 0.4315, 0.3153



19.1952, 0.3870, 0.4582



19.1952, 0.2049, 0.3265



19.1952, 0.2322, 0.2180

Rectangle

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



19.1952, 0.4315, 0.3153



19.1952, 0.4499, 0.4049



19.1952, 0.2049, 0.3265



19.1952, 0.1896, 0.2352

Sweetspot

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



19.1962, 0.4315, 0.3153



66.0785, 0.3378, 0.3248



20.4087, 0.3058, 0.2080



13.7028, 0.3419, 0.3242



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.



19.1962, 0.4315, 0.3153



28.4744, 0.4761, 0.3134



26.5694, 0.4207, 0.3779



9.0280, 0.3271, 0.3265



7.0644, 0.6247, 0.3215



0.2544, 0.5756, 0.2944

Inverse Universe

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



19.1962, 0.4315, 0.3153



28.4744, 0.4761, 0.3134



27.4957, 0.2386, 0.2723



9.0280, 0.3271, 0.3265



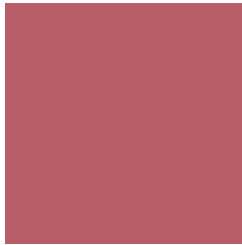
7.0644, 0.6247, 0.3215



0.2544, 0.5756, 0.2944

Previews

White Background



This preview shows how the Yxy color 19.1952, 0.4315, 0.3153 looks on a white background.

Color Contrast Check

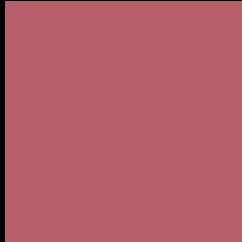
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.1952, 0.4315, 0.3153 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 19.1952, 0.4315, 0.3153

Background



This preview shows how black text looks on a background with the Yxy color 19.1952, 0.4315, 0.3153.



This preview shows how white text looks on a background with the Yxy color 19.1952, 0.4315, 0.3153.

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

19.1952, 0.4315, 0.3153

Protanopia

19.3427, 0.3212, 0.3346

Deuteranopia

19.3054, 0.3659, 0.3595



Tritanopia

19.1353, 0.4362, 0.3195

Trichromacy



Original Color

19.1952, 0.4315, 0.3153

Protanomaly

18.6721, 0.3579, 0.3257

Deuteranomaly

19.0450, 0.3906, 0.3425

Tritanomaly

19.1551, 0.4346, 0.3181

Monochromacy



Original Color

19.1952, 0.4315, 0.3153

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

18.8459, 0.3535, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.1952, 0.4315, 0.3153 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(184, 94, 104)` looks like.

```
.text, #text, p{  
  color:rgb(184, 94, 104)  
}
```

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(184, 94, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 94, 104) }
```

Border

The CSS property to change the border of an element to Yxy 19.1952, 0.4315, 0.3153 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(184, 94, 104) }
```

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

```
.border{ border-color:rgb(184, 94, 104) }
```

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

Here you see how a box with a 4 pixel rgb(184, 94, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 94, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 94, 104);  
box-shadow:4px 4px 4px 4px rgb(184, 94,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 19.1952, 0.4315, 0.3153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 94, 104) }
```

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

```
.background{ background-color: rgb(184, 94,  
104) }
```

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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