

Converting Colors

$Y_{xy}(19.6505, 0.4489, 0.3171)$

Have a look what the booklet for
Yxy(19.6505, 0.4489, 0.3171)
contains.

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Color

Yxy(19.6087, 0.4498, 0.3175)

Conversions

Conversions Part 1

Format	Color
Hex	C05B64
RGB	192, 91, 100
RGB Percent	75%, 36%, 39%
CMY	0.2470, 0.6431, 0.6079
CMYK	0.00, 0.53, 0.48, 0.25
HSL	355°, 44%, 55%
HSV	355°, 53%, 75%
XYZ	27.7795, 19.6087, 14.3715
YIQ	122.2250, 57.3070, 24.2110

Conversions

Conversions Part 2

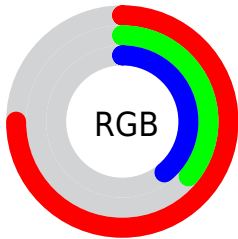
Format	Color
R _Y B	192, 91, 100
Decimal	12606308
CIE Lab	51.39, 41.33, 14.36
CIE LCh	51, 43.759, 19.161
Yxy	19.6087, 0.4498, 0.3175
Android (android.graphics.Color)	4290796388 (0xFFC05B64)
YUV	122.2250, -10.9569, 61.1927
Hunter-Lab	44.2817, 34.4865, 11.7548

Details

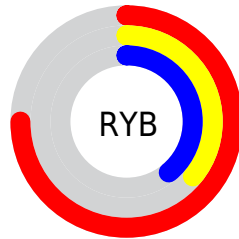
The Yxy color **19.6087, 0.4498, 0.3175** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted rose. A complement of this color would be **43.3458, 0.2506, 0.3425**, and the grayscale version is **19.5621, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.8763, 0.4182, 0.3219**, and **6.7857, 0.5052, 0.3054** is the 20% darker color. If you saturate the color by 10%, you get **16.4331, 0.4928, 0.3165**, and if you desaturate by 10%, it is **23.6988, 0.4120, 0.3193**.

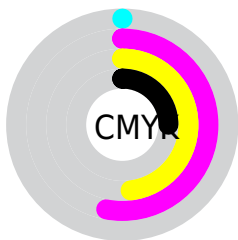
Distribution



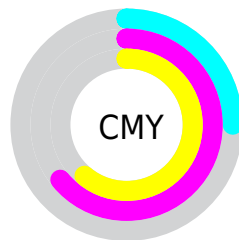
- Red (75%)
- Green (36%)
- Blue (39%)



- Red (75%)
- Yellow (36%)
- Blue (39%)



- Cyan (0%)
- Magenta (53%)
- Yellow (48%)
- Black (25%)





- Cyan (25%)
- Magenta (64%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.6087, 0.4498, 0.3175 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 19.6087, 0.4498, 0.3175 by changing the saturation by 10% instead.

 19.6087, 0.4498,
0.3175


 19.6087, 0.4498,
0.3175


249.7888, 0.3709,
0.3268

 12.1109, 0.4735,
0.3134


 42.7602, 0.4183,
0.3220

 6.8193, 0.5065,
0.3066


 59.1826, 0.4074,
0.3234

 3.3493, 0.5551,
0.2944

 79.3488, 0.3985,
0.3243

 1.3167, 0.6463,
0.2763

 103.6431, 0.3911,
0.3251

 0.1541, 0.8859,
0.1141

132.4498, 0.3848,
0.3257

 0.0000, 1.0000,
0.0000

166.1534, 0.3795,

 0.0000, 0.0000,

0.3261

0.0000

205.1383, 0.3749,
0.3265

■ 19.6087, 0.4498,
0.3175

■ 19.6087, 0.4498,
0.3175

■ 16.4331, 0.4928,
0.3165

■ 23.6988, 0.4120,
0.3193

■ 14.0988, 0.5381,
0.3168

■ 28.7630, 0.3803,
0.3216

■ 12.5265, 0.5806,
0.3187

■ 34.8597, 0.3543,
0.3239

■ 11.6203, 0.6138,
0.3223

■ 42.0416, 0.3334,
0.3263

■ 11.2477, 0.6305,
0.3247

■ 50.3579, 0.3165,
0.3285

■ 59.8548, 0.3030,
0.3305

■ 70.5759, 0.2920,
0.3323

■ 82.5626, 0.2832,
0.3340

■ 89.9470, 0.2762,
0.3289

Harmonies

Analogous

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



19.6087, 0.3809, 0.2649



19.6087, 0.4498, 0.3175



19.6087, 0.4740, 0.3762

Triad

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



19.6087, 0.4498, 0.3175



19.6087, 0.3108, 0.4701



19.6087, 0.1867, 0.2141

Complementary

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



19.6087, 0.4498, 0.3175



43.3458, 0.2506, 0.3425

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.



19.6087, 0.1738, 0.2496



19.6087, 0.4498, 0.3175



19.6087, 0.2389, 0.4063

Square

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



19.6087, 0.4498, 0.3175



19.6087, 0.3873, 0.4745



19.6087, 0.1907, 0.3180



19.6087, 0.2283, 0.2078

Rectangle

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



19.6087, 0.4498, 0.3175



19.6087, 0.4616, 0.4153



19.6087, 0.1907, 0.3180



19.6087, 0.1792, 0.2224

Sweetspot

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



19.6097, 0.4498, 0.3175



71.1851, 0.3405, 0.3254



21.2224, 0.3068, 0.2002



14.6900, 0.3448, 0.3249



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.



19.6097, 0.4498, 0.3175



29.0903, 0.4991, 0.3165



28.3040, 0.4309, 0.3836



10.0921, 0.3275, 0.3270



7.5732, 0.6287, 0.3237



0.3323, 0.5919, 0.3035

Inverse Universe

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



19.6097, 0.4498, 0.3175



29.0903, 0.4991, 0.3165



28.3587, 0.2328, 0.2641



10.0921, 0.3275, 0.3270



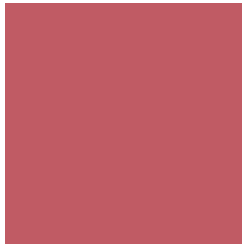
7.5732, 0.6287, 0.3237



0.3323, 0.5919, 0.3035

Previews

White Background



This preview shows how the Yxy color 19.6087, 0.4498, 0.3175 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 19.6087, 0.4498, 0.3175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

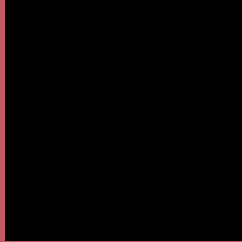
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.6087, 0.4498, 0.3175

Background



This preview shows how black text looks on a background with the Yxy color 19.6087, 0.4498, 0.3175.



This preview shows how white text looks on a background with the Yxy color 19.6087, 0.4498, 0.3175.

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

19.6087, 0.4498, 0.3175

Protanopia

19.9389, 0.3257, 0.3420

Deuteranopia

19.7124, 0.3759, 0.3696



Tritanopia

19.5705, 0.4529, 0.3202

Trichromacy



Original Color

19.6087, 0.4498, 0.3175

Protanomaly

19.0740, 0.3688, 0.3309

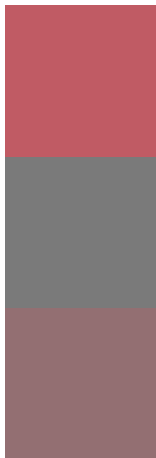
Deuteranomaly

19.1653, 0.4024, 0.3471

Tritanomaly

19.5895, 0.4513, 0.3188

Monochromacy



Original Color

19.6087, 0.4498, 0.3175

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

18.7868, 0.3579, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.6087, 0.4498, 0.3175 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(192, 91, 100)` looks like.

```
.text, #text, p{  
  color:rgb(192, 91, 100)  
}
```

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(192, 91, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 91, 100) }
```

Border

The CSS property to change the border of an element to Yxy 19.6087, 0.4498, 0.3175 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(192, 91, 100) }
```

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

```
.border{ border-color:rgb(192, 91, 100) }
```

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

Here you see how a box with a 4 pixel rgb(192, 91, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 91, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 91, 100);  
box-shadow:4px 4px 4px 4px rgb(192, 91,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 19.6087, 0.4498, 0.3175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 91, 100) }
```

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

```
.background{ background-color: rgb(192, 91,  
100) }
```

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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