

Converting Colors

$Y_{xy}(19.3693, 0.4644, 0.3081)$

Have a look what the booklet for
Yxy(19.3693, 0.4644, 0.3081)
contains.

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Color

Yxy(19.3860, 0.4647, 0.3084)

Conversions

Conversions Part 1

Format	Color
Hex	C85364
RGB	200, 83, 100
RGB Percent	78%, 33%, 39%
CMY	0.2157, 0.6744, 0.6078
CMYK	0.00, 0.58, 0.50, 0.22
HSL	351°, 52%, 55%
HSV	351°, 58%, 78%
XYZ	29.2110, 19.3860, 14.2629
YIQ	119.9210, 64.2750, 30.0910

Conversions

Conversions Part 2

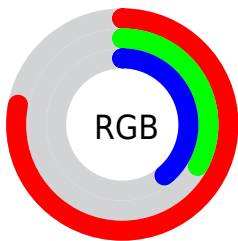
Format	Color
R_{YB}	200, 83, 100
Decimal	13128548
CIE _{Lab}	51.14, 48.04, 14.18
CIE _{LCh}	51, 50.091, 16.442
Yxy	19.3860, 0.4647, 0.3084
Android (android.graphics.Color)	4291318628 (0xFFC85364)
YUV	119.9210, -9.8211, 70.2293
Hunter-Lab	44.0295, 41.3726, 11.6143

Details

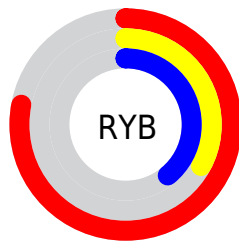
The Yxy color **19.3860, 0.4647, 0.3084** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted rose. A complement of this color would be **46.5606, 0.2494, 0.3544**, and the grayscale version is **18.7746, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.3857, 0.4242, 0.3148**, and **6.7129, 0.5257, 0.2931** is the 20% darker color. If you saturate the color by 10%, you get **16.4579, 0.5073, 0.3075**, and if you desaturate by 10%, it is **23.2680, 0.4261, 0.3110**.

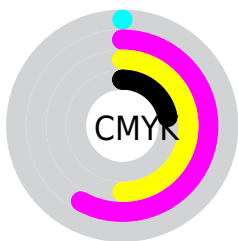
Distribution



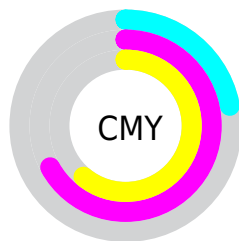
- Red (78%)
- Green (33%)
- Blue (39%)



- Red (78%)
- Yellow (33%)
- Blue (39%)



- Cyan (0%)
- Magenta (58%)
- Yellow (50%)
- Black (22%)





- Cyan (22%)
- Magenta (67%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.3860, 0.4647, 0.3084 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 19.3860, 0.4647, 0.3084 by changing the saturation by 10% instead.


 19.3860, 0.4647,
0.3084


 19.3860, 0.4647,
0.3084


248.5715, 0.3773,
0.3232

 11.9495, 0.4908,
0.3025


 42.3853, 0.4299,
0.3152

 6.7093, 0.5270,
0.2933


 58.7170, 0.4178,
0.3173


 3.2810, 0.5798,
0.2776

 78.7825, 0.4079,
0.3189

 1.2801, 0.6768,
0.2536

 102.9662, 0.3997,
0.3201

 0.1257, 0.9164,
0.0836

 131.6526, 0.3928,
0.3211

 0.0000, 1.0000,
0.0000

165.2260, 0.3869,

 0.0000, 0.0000,

0.3220

0.0000

204.0708, 0.3818,
0.3226

■ 19.3860, 0.4647,
0.3084

■ 19.3860, 0.4647,
0.3084

■ 16.4579, 0.5073,
0.3075

■ 23.2680, 0.4261,
0.3110

■ 14.3981, 0.5505,
0.3089

■ 28.1738, 0.3930,
0.3144

■ 13.1107, 0.5890,
0.3130

■ 34.1702, 0.3656,
0.3183

■ 12.4455, 0.6177,
0.3189

■ 41.3175, 0.3433,
0.3222

■ 12.3666, 0.6213,
0.3196

■ 49.6717, 0.3253,
0.3260

■ 59.2849, 0.3107,
0.3295

■ 70.2063, 0.2990,
0.3328

■ 82.4825, 0.2894,
0.3357

■ 90.9435, 0.2811,
0.3301

Harmonies

Analogous

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



19.3860, 0.3817, 0.2519



19.3860, 0.4647, 0.3084



19.3860, 0.4964, 0.3725

Triad

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



19.3860, 0.4647, 0.3084



19.3860, 0.3160, 0.4970



19.3860, 0.1692, 0.2015

Complementary

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



19.3860, 0.4647, 0.3084



46.5606, 0.2494, 0.3544

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.



19.3860, 0.1577, 0.2429



19.3860, 0.4647, 0.3084



19.3860, 0.2340, 0.4279

Square

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



19.3860, 0.4647, 0.3084



19.3860, 0.4016, 0.4913



19.3860, 0.1783, 0.3235



19.3860, 0.2117, 0.1930

Rectangle

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



19.3860, 0.4647, 0.3084



19.3860, 0.4839, 0.4165



19.3860, 0.1783, 0.3235



19.3860, 0.1620, 0.2113

Sweetspot

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



19.3870, 0.4647, 0.3084



71.8560, 0.3428, 0.3223



20.3575, 0.2989, 0.1849



14.5496, 0.3489, 0.3212



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



19.3870, 0.4647, 0.3084



27.4662, 0.5183, 0.3076



27.3067, 0.4549, 0.3812



10.6616, 0.3267, 0.3257



7.8724, 0.6187, 0.3182



0.3811, 0.5692, 0.2909

Inverse Universe

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



19.3870, 0.4647, 0.3084



27.4662, 0.5183, 0.3076



30.8218, 0.2268, 0.2648



10.6616, 0.3267, 0.3257



7.8724, 0.6187, 0.3182



0.3811, 0.5692, 0.2909

Previews

White Background



This preview shows how the Yxy color 19.3860, 0.4647, 0.3084 looks on a white background.

Color Contrast Check

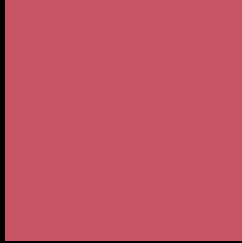
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.3860, 0.4647, 0.3084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

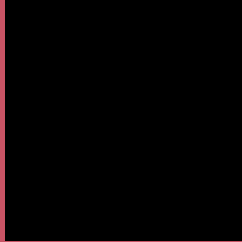
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.3860, 0.4647, 0.3084

Background



This preview shows how black text looks on a background with the Yxy color 19.3860, 0.4647, 0.3084.



This preview shows how white text looks on a background with the Yxy color 19.3860, 0.4647, 0.3084.

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

19.3860, 0.4647, 0.3084

Protanopia

19.6351, 0.3187, 0.3327

Deuteranopia

19.3884, 0.3751, 0.3681



Tritanopia

19.3773, 0.4780, 0.3233

Trichromacy



Original Color

19.3860, 0.4647, 0.3084

Protanomaly

18.5928, 0.3673, 0.3207

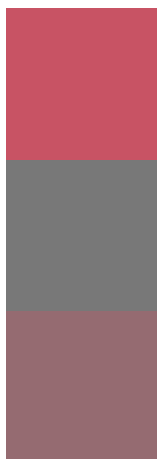
Deuteranomaly

18.8587, 0.4084, 0.3420

Tritanomaly

19.2909, 0.4725, 0.3171

Monochromacy



Original Color

19.3860, 0.4647, 0.3084

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.0972, 0.3635, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.3860, 0.4647, 0.3084 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(200, 83, 100)` looks like.

```
.text, #text, p{  
    color:rgb(200, 83, 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(200, 83, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 83, 100) }
```

Border

The CSS property to change the border of an element to Yxy 19.3860, 0.4647, 0.3084 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(200, 83, 100) }
```

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

```
.border{ border-color:rgb(200, 83, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 83, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 83, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 83, 100);  
box-shadow:4px 4px 4px 4px rgb(200, 83,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 19.3860, 0.4647, 0.3084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 83, 100) }
```

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

```
.background{ background-color: rgb(200, 83,  
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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