

Converting Colors

$Yxy(52.5480, 0.3120, 0.3172)$

Have a look what the booklet for
Yxy(52.5480, 0.3120, 0.3172)
contains.

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Color

Yxy(52.3890, 0.3117, 0.3168)

Conversions

Conversions Part 1

Format	Color
Hex	C5BDC7
RGB	197, 189, 199
RGB Percent	77%, 74%, 78%
CMY	0.2272, 0.2589, 0.2196
CMYK	0.01, 0.05, 0.00, 0.22
HSL	288°, 8%, 76%
HSV	288°, 5%, 78%
XYZ	51.5456, 52.3890, 61.4347
YIQ	192.5320, 1.5580, 4.8060

Conversions

Conversions Part 2

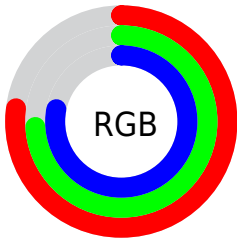
Format	Color
R _Y B	197, 189, 199
Decimal	12959175
CIE Lab	77.51, 4.67, -4.04
CIE LCh	78, 6.174, 319.174
Yxy	52.3890, 0.3117, 0.3168
Android (android.graphics.Color)	4291149255 (0xFFC5BDC7)
YUV	192.5320, 3.1887, 3.9184
Hunter-Lab	72.3802, 0.4534, 0.3422

Details

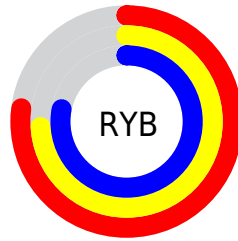
The Yxy color **52.3890, 0.3117, 0.3168** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.5932, 0.3137, 0.3414**, and the grayscale version is **53.0258, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5956, 0.3125, 0.3194**, and **25.4923, 0.3112, 0.3143** is the 20% darker color. If you saturate the color by 10%, you get **43.8944, 0.3093, 0.2916**, and if you desaturate by 10%, it is **62.0762, 0.3136, 0.3406**.

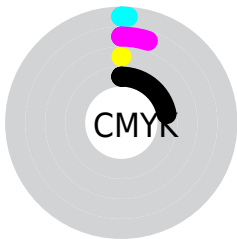
Distribution



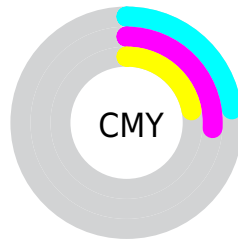
- Red (77%)
- Green (74%)
- Blue (78%)



- Red (77%)
- Yellow (74%)
- Blue (78%)



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (22%)



- Cyan (23%)
- Magenta (26%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.3890, 0.3117, 0.3168 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 52.3890, 0.3117, 0.3168 by changing the saturation by 10% instead.

■ 52.3890, 0.3117,
0.3168

■ 52.3890, 0.3117,
0.3168

■ 395.9365, 0.3122,
0.3227

■ 37.3152, 0.3116,
0.3154

■ 93.7047, 0.3119,
0.3189

■ 25.4517, 0.3114,
0.3135

■ 120.7154, 0.3120,
0.3197

■ 16.4139, 0.3112,
0.3112

■ 152.4739, 0.3120,
0.3204

■ 9.8175, 0.3108,
0.3079

■ 189.3645, 0.3121,
0.3210

■ 5.2781, 0.3103,
0.3033

■ 231.7717, 0.3121,
0.3215

■ 2.4114, 0.3095,
0.2959

■ 280.0798, 0.3122,

■ 0.8317, 0.3079,

0.3220

0.2826

334.6733, 0.3122,
0.3224

0.0000, 0.0000,
0.0000

52.3890, 0.3117,
0.3168

52.3890, 0.3117,
0.3168

43.8944, 0.3093,
0.2916

62.0762, 0.3136,
0.3406

36.5381, 0.3064,
0.2656

72.9942, 0.3151,
0.3628

30.2713, 0.3030,
0.2394

85.1879, 0.3162,
0.3833

25.0395, 0.2991,
0.2139

89.7191, 0.3182,
0.3891

20.7829, 0.2947,
0.1900

90.3023, 0.3207,
0.3886

■ 17.4360, 0.2898,
0.1690

■ 90.8993, 0.3231,
0.3882

■ 14.9249, 0.2848,
0.1517

■ 91.5102, 0.3256,
0.3877

■ 13.1640, 0.2796,
0.1388

■ 92.1353, 0.3281,
0.3873

■ 12.0493, 0.2745,
0.1303

■ 92.7744, 0.3306,
0.3868

Harmonies

Analogous

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



52.3890, 0.3038, 0.3148



52.3890, 0.3117, 0.3168



52.3890, 0.3200, 0.3219

Triad

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



52.3890, 0.3117, 0.3168



52.3890, 0.3273, 0.3414



52.3890, 0.2993, 0.3289

Complementary

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



52.3890, 0.3117, 0.3168



55.5932, 0.3137, 0.3414

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.



52.3890, 0.3054, 0.3363



52.3890, 0.3117, 0.3168



52.3890, 0.3216, 0.3435

Square

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



52.3890, 0.3117, 0.3168



52.3890, 0.3290, 0.3360



52.3890, 0.3136, 0.3417



52.3890, 0.2967, 0.3217

Rectangle

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



52.3890, 0.3117, 0.3168



52.3890, 0.3246, 0.3265



52.3890, 0.3136, 0.3417



52.3890, 0.3010, 0.3315

Sweetspot

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



52.3913, 0.3117, 0.3168



96.6017, 0.3123, 0.3241



52.1977, 0.3051, 0.3191



20.7123, 0.3123, 0.3244



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.



52.3913, 0.3117, 0.3168



90.0645, 0.3115, 0.3142



52.5176, 0.3156, 0.3205



11.2508, 0.3114, 0.3130



7.5174, 0.2726, 0.1276



0.3834, 0.2833, 0.1334

Inverse Universe

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



52.2905, 0.3195, 0.3266



89.8549, 0.3210, 0.3261



55.4745, 0.3100, 0.3377



11.2226, 0.3217, 0.3259



7.9103, 0.6070, 0.3118



0.3849, 0.5497, 0.2802

Previews

White Background



This preview shows how the Yxy color 52.3890, 0.3117, 0.3168 looks on a white background.

Color Contrast Check

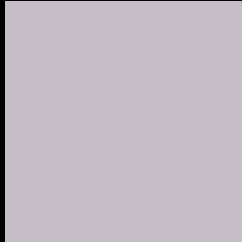
Large Text (above 18pt) WCAG AA × Fail

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 52.3890, 0.3117, 0.3168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

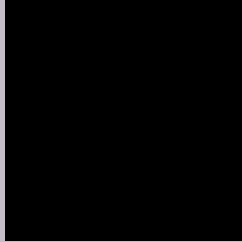
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

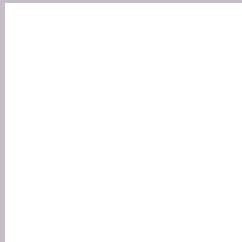
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.3890, 0.3117, 0.3168

Background



This preview shows how black text looks on a background with the Yxy color 52.3890, 0.3117, 0.3168.



This preview shows how white text looks on a background with the Yxy color 52.3890, 0.3117, 0.3168.

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

52.3890, 0.3117, 0.3168

Protanopia

52.2035, 0.3068, 0.3167

Deuteranopia

52.4098, 0.3185, 0.3124



Tritanopia

52.2840, 0.3095, 0.3109

Trichromacy



Original Color

52.3890, 0.3117, 0.3168

Protanomaly

52.4664, 0.3084, 0.3168

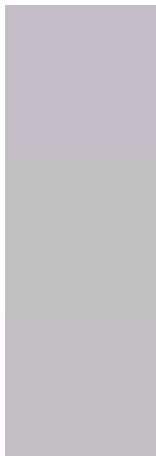
Deuteranomaly

52.4073, 0.3159, 0.3134

Tritanomaly

52.2365, 0.3102, 0.3121

Monochromacy



Original Color

52.3890, 0.3117, 0.3168

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.1087, 0.3121, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3890, 0.3117, 0.3168 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(197, 189, 199)` looks like.

```
.text, #text, p{  
    color:rgb(197, 189, 199)  
}
```

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(197, 189, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 189, 199) }
```

Border

The CSS property to change the border of an element to Yxy 52.3890, 0.3117, 0.3168 is called "border". The border property can be set on classes, ids or directly on the HTML element.

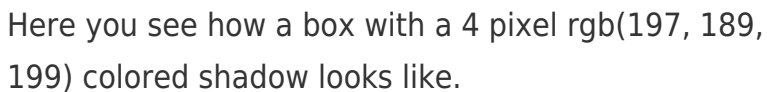
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 189, 199) }
```

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

```
.border{ border-color:rgb(197, 189, 199) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 189, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 189, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 189, 199); box-shadow:4px 4px 4px 4px rgb(197, 189, 199) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3890, 0.3117, 0.3168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 189, 199) }
```

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

```
.background{ background-color: rgb(197,  
189, 199) }
```

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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