

Converting Colors

Yxy(51.5317, 0.3106, 0.3216)

Have a look what the booklet for
Yxy(51.5317, 0.3106, 0.3216)
contains.

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Color

Yxy(51.5418, 0.3106, 0.3216)

Conversions

Conversions Part 1

Format	Color
Hex	C0BDC3
RGB	192, 189, 195
RGB Percent	75%, 74%, 76%
CMY	0.2472, 0.2588, 0.2353
CMYK	0.02, 0.03, 0.00, 0.24
HSL	270°, 5%, 75%
HSV	270°, 3%, 76%
XYZ	49.7789, 51.5418, 58.9461
YIQ	190.5810, -0.1380, 2.5020

Conversions

Conversions Part 2

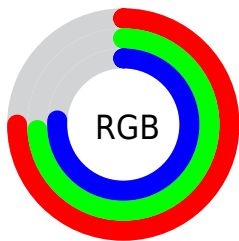
Format	Color
R _Y B	192, 189, 195
Decimal	12631491
CIE Lab	77.01, 2.14, -2.65
CIE LCh	77, 3.406, 308.991
Yxy	51.5418, 0.3106, 0.3216
Android (android.graphics.Color)	4290821571 (0xFFC0BDC3)
YUV	190.5810, 2.1786, 1.2445
Hunter-Lab	71.7926, -1.8705, 1.5741

Details

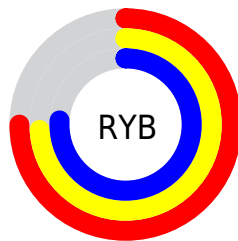
The Yxy color **51.5418, 0.3106, 0.3216** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.9099, 0.3148, 0.3364**, and the grayscale version is **51.8308, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2895, 0.3105, 0.3222**, and **25.0204, 0.3109, 0.3207** is the 20% darker color. If you saturate the color by 10%, you get **42.4675, 0.3029, 0.2960**, and if you desaturate by 10%, it is **61.8344, 0.3171, 0.3450**.

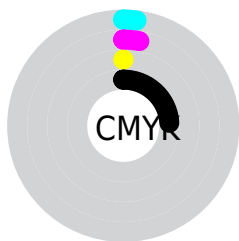
Distribution



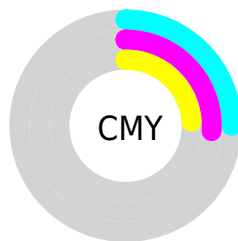
- Red (75%)
- Green (74%)
- Blue (76%)



- Red (75%)
- Yellow (74%)
- Blue (76%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (24%)



- Cyan (25%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.5418, 0.3106, 0.3216 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 51.5418, 0.3106, 0.3216 by changing the saturation by 10% instead.

■ 51.5418, 0.3106,
0.3216

■ 51.5418, 0.3106,
0.3216

392.6651, 0.3117,
0.3252

■ 36.6400, 0.3103,
0.3207

■ 92.4551, 0.3110,
0.3229

■ 24.9289, 0.3100,
0.3196

119.2355, 0.3111,
0.3234

■ 16.0241, 0.3096,
0.3181

150.7441, 0.3112,
0.3238

■ 9.5412, 0.3090,
0.3161

187.3653, 0.3113,
0.3242

■ 5.0958, 0.3081,
0.3131

229.4837, 0.3114,
0.3245

■ 2.3036, 0.3066,
0.3084

277.4835, 0.3115,

■ 0.7756, 0.3041,

0.3248

0.2987

331.7492, 0.3116,
0.3250

0.0000, 0.0000,
0.0000

51.5418, 0.3106,
0.3216

51.5418, 0.3106,
0.3216

42.4675, 0.3029,
0.2960

61.8344, 0.3171,
0.3450

34.5586, 0.2940,
0.2685

73.3825, 0.3226,
0.3662

27.7678, 0.2837,
0.2396

86.2299, 0.3272,
0.3852

22.0423, 0.2723,
0.2099

92.5121, 0.3327,
0.3911

17.3245, 0.2598,
0.1807

94.2018, 0.3392,
0.3898

■ 13.5517, 0.2466,
0.1532

■ 95.9852, 0.3458,
0.3885

■ 10.6534, 0.2333,
0.1290

■ 96.7195, 0.3484,
0.3880

■ 8.5490, 0.2204,
0.1094

■ 7.1418, 0.2085,
0.0953

Harmonies

Analogous

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



51.5418, 0.3065, 0.3212



51.5418, 0.3106, 0.3216



51.5418, 0.3153, 0.3239

Triad

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



51.5418, 0.3106, 0.3216



51.5418, 0.3214, 0.3351



51.5418, 0.3062, 0.3304

Complementary

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



51.5418, 0.3106, 0.3216



53.9099, 0.3148, 0.3364

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.



51.5418, 0.3102, 0.3342



51.5418, 0.3106, 0.3216



51.5418, 0.3189, 0.3369

Square

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



51.5418, 0.3106, 0.3216



51.5418, 0.3215, 0.3317



51.5418, 0.3148, 0.3366



51.5418, 0.3040, 0.3263

Rectangle

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



51.5418, 0.3106, 0.3216



51.5418, 0.3181, 0.3263



51.5418, 0.3148, 0.3366



51.5418, 0.3074, 0.3318

Sweetspot

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



51.5440, 0.3106, 0.3216



95.9234, 0.3120, 0.3266



52.5039, 0.3081, 0.3254



21.0256, 0.3121, 0.3267



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.



51.5440, 0.3106, 0.3216



90.6082, 0.3099, 0.3191



51.9286, 0.3130, 0.3217



10.9287, 0.3094, 0.3176



4.2433, 0.2023, 0.0888



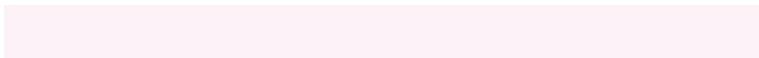
0.2243, 0.2272, 0.1025

Inverse Universe

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



51.8096, 0.3153, 0.3253



91.2371, 0.3162, 0.3241



53.5327, 0.3124, 0.3364



11.0169, 0.3168, 0.3233



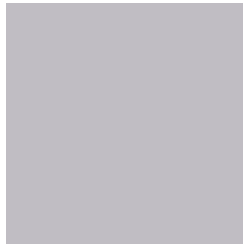
8.1375, 0.4915, 0.2481



0.3655, 0.4435, 0.2217

Previews

White Background



This preview shows how the Yxy color 51.5418, 0.3106, 0.3216 looks on a white background.

Color Contrast Check

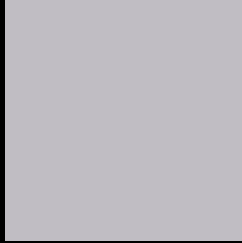
Large Text (above 18pt) WCAG AA × Fail

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 51.5418, 0.3106, 0.3216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

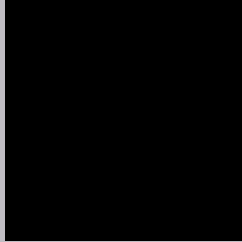
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

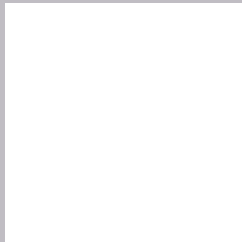
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.5418, 0.3106, 0.3216

Background



This preview shows how black text looks on a background with the Yxy color 51.5418, 0.3106, 0.3216.

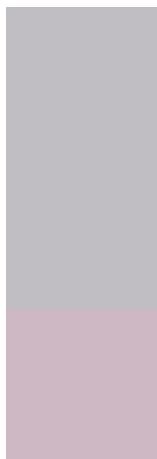


This preview shows how white text looks on a background with the Yxy color 51.5418, 0.3106, 0.3216.

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

51.5418, 0.3106, 0.3216

Protanopia

51.5418, 0.3106, 0.3216

Deuteranopia

51.3883, 0.3218, 0.3146



Tritanopia

51.6157, 0.3055, 0.3106

Trichromacy



Original Color

51.5418, 0.3106, 0.3216

Protanomaly

51.5418, 0.3106, 0.3216

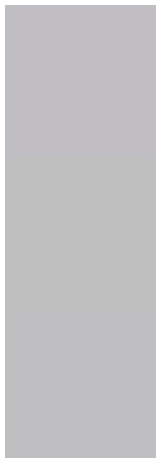
Deuteranomaly

51.5208, 0.3174, 0.3169

Tritanomaly

51.4740, 0.3077, 0.3143

Monochromacy



Original Color

51.5418, 0.3106, 0.3216

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.7090, 0.3120, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5418, 0.3106, 0.3216 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, 189, 195)` looks like.

```
.text, #text, p{  
    color:rgb(192, 189, 195)  
}
```

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, 189, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 189, 195) }
```

Border

The CSS property to change the border of an element to Yxy 51.5418, 0.3106, 0.3216 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, 189, 195) }
```

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

```
.border{ border-color:rgb(192, 189, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 189, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 189, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 189, 195);  
box-shadow:4px 4px 4px 4px rgb(192, 189,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5418, 0.3106, 0.3216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 189, 195) }
```

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

```
.background{ background-color: rgb(192,  
189, 195) }
```

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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