

Converting Colors

Yxy(51.8256, 0.3152, 0.3251)

Have a look what the booklet for
Yxy(51.8256, 0.3152, 0.3251)
contains.

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Color

Yxy(51.8031, 0.3154, 0.3253)

Conversions

Conversions Part 1

Format	Color
Hex	C3BDC0
RGB	195, 189, 192
RGB Percent	76%, 74%, 75%
CMY	0.2351, 0.2589, 0.2471
CMYK	0.00, 0.03, 0.02, 0.24
HSL	330°, 5%, 75%
HSV	330°, 3%, 76%
XYZ	50.2266, 51.8031, 57.2175
YIQ	191.1360, 2.6130, 2.2050

Conversions

Conversions Part 2

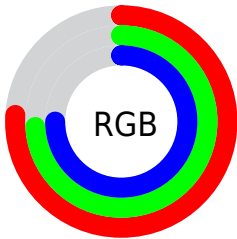
Format	Color
R _Y B	195, 189, 192
Decimal	12828096
CIE Lab	77.16, 2.67, -0.77
CIE LCh	77, 2.780, 343.965
Yxy	51.8031, 0.3154, 0.3253
Android (android.graphics.Color)	4291018176 (0xFFC3BDC0)
YUV	191.1360, 0.4260, 3.3887
Hunter-Lab	71.9744, -1.3908, 3.2483

Details

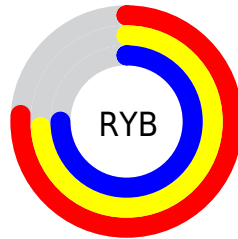
The Yxy color **51.8031, 0.3154, 0.3253** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.6780, 0.3101, 0.3327**, and the grayscale version is **52.1842, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7776, 0.3154, 0.3261**, and **25.1351, 0.3152, 0.3240** is the 20% darker color. If you saturate the color by 10%, you get **43.5498, 0.3252, 0.3129**, and if you desaturate by 10%, it is **61.2185, 0.3073, 0.3369**.

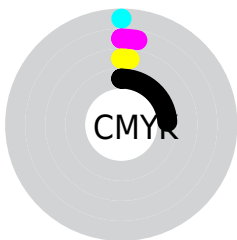
Distribution



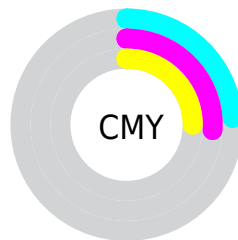
- Red (76%)
- Green (74%)
- Blue (75%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.8031, 0.3154, 0.3253 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 51.8031, 0.3154, 0.3253 by changing the saturation by 10% instead.

■ 51.8031, 0.3154,
0.3253

■ 51.8031, 0.3154,
0.3253

393.6760, 0.3141,
0.3271

■ 36.8482, 0.3157,
0.3249

■ 92.8408, 0.3149,
0.3260

■ 25.0899, 0.3161,
0.3243

119.6923, 0.3148,
0.3262

■ 16.1441, 0.3167,
0.3235

151.2782, 0.3146,
0.3264

■ 9.6262, 0.3174,
0.3225

187.9827, 0.3145,
0.3266

■ 5.1518, 0.3185,
0.3210

230.1904, 0.3144,
0.3268

■ 2.3366, 0.3202,
0.3187

278.2856, 0.3143,

■ 0.7930, 0.3238,

0.3269

0.3136

332.6526, 0.3142,
0.3270

0.0000, 0.0000,
0.0000

51.8031, 0.3154,
0.3253

51.8031, 0.3154,
0.3253

43.5498, 0.3252,
0.3129

61.2185, 0.3073,
0.3369

36.4065, 0.3370,
0.3000

71.8320, 0.3006,
0.3477

30.3272, 0.3511,
0.2867

83.6865, 0.2951,
0.3576

25.2601, 0.3677,
0.2738

88.9166, 0.2900,
0.3545

21.1489, 0.3869,
0.2619

89.4890, 0.2849,
0.3437

■ 17.9319, 0.4087,
0.2521

■ 90.0931, 0.2799,
0.3331

■ 15.5399, 0.4325,
0.2457

■ 90.3488, 0.2779,
0.3289

■ 13.8936, 0.4573,
0.2438

■ 12.8976, 0.4819,
0.2472

Harmonies

Analogous

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



51.8031, 0.3116, 0.3232



51.8031, 0.3154, 0.3253



51.8031, 0.3185, 0.3284

Triad

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



51.8031, 0.3154, 0.3253



51.8031, 0.3173, 0.3355



51.8031, 0.3055, 0.3263

Complementary

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



51.8031, 0.3154, 0.3253



53.6780, 0.3101, 0.3327

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.



51.8031, 0.3070, 0.3296



51.8031, 0.3154, 0.3253



51.8031, 0.3138, 0.3350

Square

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



51.8031, 0.3154, 0.3253



51.8031, 0.3196, 0.3343



51.8031, 0.3100, 0.3328



51.8031, 0.3059, 0.3237

Rectangle

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



51.8031, 0.3154, 0.3253



51.8031, 0.3197, 0.3306



51.8031, 0.3100, 0.3328



51.8031, 0.3058, 0.3273

Sweetspot

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



51.8053, 0.3154, 0.3253



96.0807, 0.3136, 0.3278



51.5425, 0.3106, 0.3215



21.0584, 0.3135, 0.3279



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.



51.8053, 0.3154, 0.3253



91.2312, 0.3163, 0.3242



51.6735, 0.3177, 0.3290



11.0161, 0.3168, 0.3234



8.1151, 0.4954, 0.2503



0.3646, 0.4463, 0.2232

Inverse Universe

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



51.8053, 0.3154, 0.3253



91.2312, 0.3163, 0.3242



53.8126, 0.3079, 0.3290



11.0161, 0.3168, 0.3234



8.1151, 0.4954, 0.2503



0.3646, 0.4463, 0.2232

Previews

White Background



This preview shows how the Yxy color 51.8031, 0.3154, 0.3253 looks on a white background.

Color Contrast Check

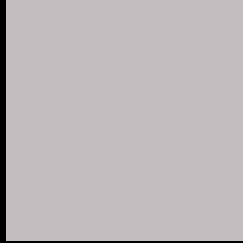
Large Text (above 18pt) WCAG AA × Fail

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 51.8031, 0.3154, 0.3253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

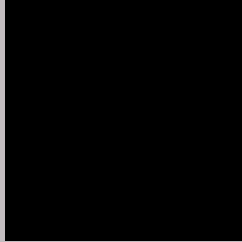
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

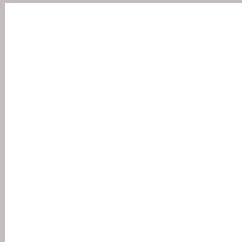
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.8031, 0.3154, 0.3253

Background



This preview shows how black text looks on a background with the Yxy color 51.8031, 0.3154, 0.3253.

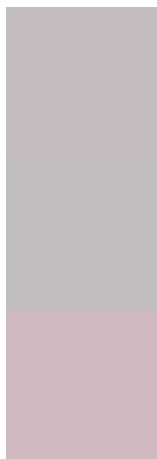


This preview shows how white text looks on a background with the Yxy color 51.8031, 0.3154, 0.3253.

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

51.8031, 0.3154, 0.3253

Protanopia

51.9701, 0.3136, 0.3265

Deuteranopia

51.9581, 0.3258, 0.3195



Tritanopia

51.6752, 0.3095, 0.3108

Trichromacy



Original Color

51.8031, 0.3154, 0.3253

Protanomaly

52.1020, 0.3145, 0.3265

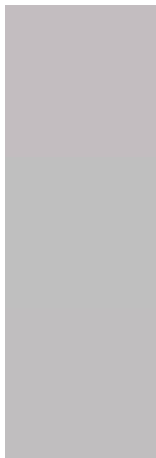
Deuteranomaly

51.6646, 0.3215, 0.3206

Tritanomaly

51.7794, 0.3117, 0.3168

Monochromacy



Original Color

51.8031, 0.3154, 0.3253

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.7950, 0.3136, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8031, 0.3154, 0.3253 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(195, 189, 192)` looks like.

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

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(195, 189, 192) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 51.8031, 0.3154, 0.3253 is called "border". The border property can be set on classes, ids or directly on the HTML element.

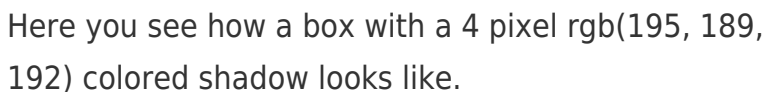
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 189, 192) }
```

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

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

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



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

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


Background

The CSS property to change the background color of an element to Yxy 51.8031, 0.3154, 0.3253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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