

Converting Colors

Yxy(51.4206, 0.3224, 0.3222)

Have a look what the booklet for
Yxy(51.4206, 0.3224, 0.3222)
contains.

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Color

Yxy(51.5759, 0.3231, 0.3230)

Conversions

Conversions Part 1

Format	Color
Hex	CBBABF
RGB	203, 186, 191
RGB Percent	80%, 73%, 75%
CMY	0.2039, 0.2706, 0.2511
CMYK	0.00, 0.08, 0.06, 0.20
HSL	342°, 14%, 76%
HSV	342°, 8%, 80%
XYZ	51.5919, 51.5759, 56.5099
YIQ	191.6530, 8.5270, 5.1590

Conversions

Conversions Part 2

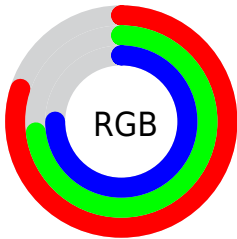
Format	Color
R _Y B	203, 186, 191
Decimal	13351615
CIE Lab	77.03, 6.89, -0.33
CIE LCh	77, 6.898, 357.217
Yxy	51.5759, 0.3231, 0.3230
Android (android.graphics.Color)	4291541695 (0xFFCBBABF)
YUV	191.6530, -0.3219, 9.9513
Hunter-Lab	71.8164, 2.5533, 3.6181

Details

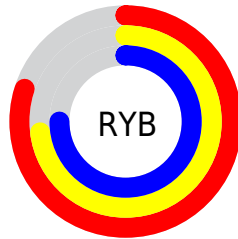
The Yxy color **51.5759, 0.3231, 0.3230** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.2379, 0.3033, 0.3351**, and the grayscale version is **52.4990, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4797, 0.3182, 0.3242**, and **24.9996, 0.3257, 0.3209** is the 20% darker color. If you saturate the color by 10%, you get **43.0212, 0.3381, 0.3154**, and if you desaturate by 10%, it is **61.4125, 0.3109, 0.3301**.

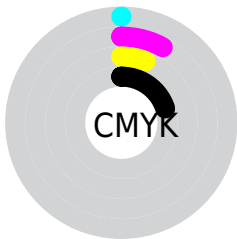
Distribution



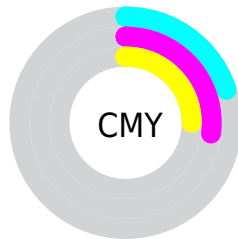
- Red (80%)
- Green (73%)
- Blue (75%)



- Red (80%)
- Yellow (73%)
- Blue (75%)



- Cyan (0%)
- Magenta (8%)
- Yellow (6%)
- Black (20%)





- Cyan (20%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.5759, 0.3231, 0.3230 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 51.5759, 0.3231, 0.3230 by changing the saturation by 10% instead.


 51.5759, 0.3231,
0.3230

 51.5759, 0.3231,
0.3230

392.7972, 0.3180,
0.3260

 36.6671, 0.3243,
0.3223


 92.5055, 0.3213,
0.3241

 24.9499, 0.3259,
0.3214


119.2951, 0.3206,
0.3245

 16.0397, 0.3280,
0.3201


150.8138, 0.3200,
0.3248

 9.5523, 0.3309,
0.3185

187.4459, 0.3195,
0.3251

 5.1031, 0.3351,
0.3161

229.5760, 0.3190,
0.3254

 2.3079, 0.3419,
0.3122

277.5882, 0.3186,

 0.7779, 0.3555,

0.3256

0.3042

331.8672, 0.3183,
0.3258

0.0000, 0.0000,
0.0000

51.5759, 0.3231,
0.3230

51.5759, 0.3231,
0.3230

43.0212, 0.3381,
0.3154

61.4125, 0.3109,
0.3301

35.6888, 0.3564,
0.3075

72.5738, 0.3010,
0.3367

29.5246, 0.3787,
0.2997

85.1091, 0.2929,
0.3427

24.4676, 0.4054,
0.2923

91.0242, 0.2855,
0.3358

20.4513, 0.4365,
0.2863

91.4387, 0.2822,
0.3289

■ 17.4021, 0.4714,
0.2828

■ 15.2367, 0.5083,
0.2828

■ 13.8571, 0.5442,
0.2872

■ 13.1139, 0.5758,
0.2958

Harmonies

Analogous

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



51.5759, 0.3141, 0.3166



51.5759, 0.3231, 0.3230



51.5759, 0.3293, 0.3311

Triad

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



51.5759, 0.3231, 0.3230



51.5759, 0.3204, 0.3452



51.5759, 0.2947, 0.3189

Complementary

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



51.5759, 0.3231, 0.3230



57.2379, 0.3033, 0.3351

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.



51.5759, 0.2964, 0.3266



51.5759, 0.3231, 0.3230



51.5759, 0.3111, 0.3420

Square

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



51.5759, 0.3231, 0.3230



51.5759, 0.3277, 0.3440



51.5759, 0.3023, 0.3351



51.5759, 0.2978, 0.3141

Rectangle

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



51.5759, 0.3231, 0.3230



51.5759, 0.3310, 0.3363



51.5759, 0.3023, 0.3351



51.5759, 0.2948, 0.3213

Sweetspot

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



51.5782, 0.3231, 0.3230



94.8719, 0.3163, 0.3269



51.4254, 0.3095, 0.3084



20.0205, 0.3173, 0.3263



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.



51.5782, 0.3231, 0.3230



83.6872, 0.3255, 0.3217



52.8138, 0.3267, 0.3332



11.2667, 0.3245, 0.3223



8.2969, 0.5770, 0.2952



0.4414, 0.5201, 0.2639

Inverse Universe

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



51.5782, 0.3231, 0.3230



83.6872, 0.3255, 0.3217



55.8814, 0.2999, 0.3248



11.2667, 0.3245, 0.3223



8.2969, 0.5770, 0.2952



0.4414, 0.5201, 0.2639

Previews

White Background



This preview shows how the Yxy color 51.5759, 0.3231, 0.3230 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 51.5759, 0.3231, 0.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

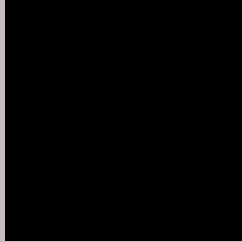
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.5759, 0.3231, 0.3230

Background



This preview shows how black text looks on a background with the Yxy color 51.5759, 0.3231, 0.3230.



This preview shows how white text looks on a background with the Yxy color 51.5759, 0.3231, 0.3230.

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

51.5759, 0.3231, 0.3230

Protanopia

51.5829, 0.3129, 0.3241

Deuteranopia

51.4525, 0.3275, 0.3207



Tritanopia

51.6588, 0.3177, 0.3122

Trichromacy



Original Color

51.5759, 0.3231, 0.3230

Protanomaly

51.6425, 0.3171, 0.3241

Deuteranomaly

51.5813, 0.3257, 0.3218

Tritanomaly

51.5208, 0.3200, 0.3158

Monochromacy



Original Color

51.5759, 0.3231, 0.3230

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.3684, 0.3161, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5759, 0.3231, 0.3230 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(203, 186, 191)` looks like.

```
.text, #text, p{  
    color:rgb(203, 186, 191)  
}
```

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(203, 186, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 186, 191) }
```

Border

The CSS property to change the border of an element to Yxy 51.5759, 0.3231, 0.3230 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(203, 186, 191) }
```

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

```
.border{ border-color:rgb(203, 186, 191) }
```

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

Here you see how a box with a 4 pixel rgb(203, 186, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 186, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 186, 191);  
box-shadow:4px 4px 4px 4px rgb(203, 186,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5759, 0.3231, 0.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 186, 191) }
```

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

```
.background{ background-color: rgb(203,  
186, 191) }
```

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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