

Converting Colors

Yxy(51.7585, 0.3050, 0.3244)

Have a look what the booklet for
Yxy(51.7585, 0.3050, 0.3244)
contains.

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Color

Yxy(51.5160, 0.3049, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	B9BFC3
RGB	185, 191, 195
RGB Percent	73%, 75%, 76%
CMY	0.2747, 0.2509, 0.2354
CMYK	0.05, 0.02, 0.00, 0.24
HSL	204°, 8%, 74%
HSV	204°, 5%, 76%
XYZ	48.4791, 51.5160, 59.0049
YIQ	189.6620, -4.8600, -0.0280

Conversions

Conversions Part 2

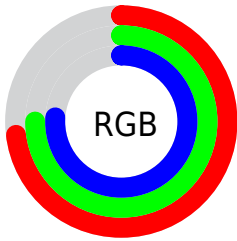
Format	Color
R_{YB}	185, 189, 195
Decimal	12173251
CIE Lab	76.99, -1.33, -2.73
CIE LCh	77, 3.035, 244.036
Yxy	51.5160, 0.3049, 0.3240
Android (android.graphics.Color)	4290363331 (0xFFB9BFC3)
YUV	189.6620, 2.6316, -4.0886
Hunter-Lab	71.7746, -5.0405, 1.5008

Details

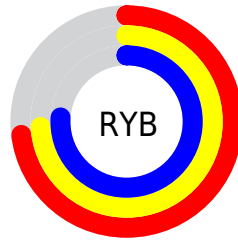
The Yxy color **51.5160, 0.3049, 0.3240** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.4608, 0.3208, 0.3339**, and the grayscale version is **51.2719, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2506, 0.3060, 0.3241**, and **25.0056, 0.3032, 0.3239** is the 20% darker color. If you saturate the color by 10%, you get **45.9842, 0.2894, 0.3135**, and if you desaturate by 10%, it is **57.5616, 0.3200, 0.3335**.

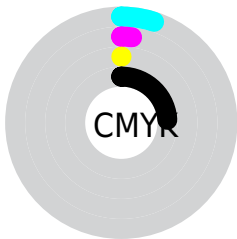
Distribution



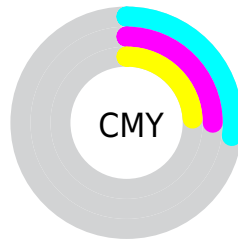
- Red (73%)
- Green (75%)
- Blue (76%)



- Red (73%)
- Yellow (74%)
- Blue (76%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (24%)



- Cyan (27%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.5160, 0.3049, 0.3240 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 51.5160, 0.3049, 0.3240 by changing the saturation by 10% instead.

■ 51.5160, 0.3049,
0.3240

■ 51.5160, 0.3049,
0.3240

392.5652, 0.3087,
0.3265

■ 36.6194, 0.3040,
0.3234

■ 92.4171, 0.3063,
0.3249

■ 24.9130, 0.3028,
0.3226

119.1903, 0.3068,
0.3252

■ 16.0122, 0.3012,
0.3216

150.6913, 0.3072,
0.3255

■ 9.5328, 0.2990,
0.3202

187.3043, 0.3076,
0.3258

■ 5.0903, 0.2959,
0.3181

229.4139, 0.3080,
0.3260

■ 2.3003, 0.2908,
0.3147

277.4042, 0.3083,

■ 0.7739, 0.2799,

0.3262

0.3081

331.6599, 0.3085,
0.3263

0.0000, 0.0000,
0.0000

51.5160, 0.3049,
0.3240

51.5160, 0.3049,
0.3240

45.9842, 0.2894,
0.3135

57.5616, 0.3200,
0.3335

40.9434, 0.2738,
0.3018

64.1298, 0.3345,
0.3419

36.3787, 0.2584,
0.2892

71.2372, 0.3484,
0.3494

32.2720, 0.2434,
0.2755

77.3586, 0.3556,
0.3565

28.6033, 0.2294,
0.2611

81.5424, 0.3539,
0.3641

■ 25.3513, 0.2167,
0.2461

■ 85.9158, 0.3522,
0.3715

■ 22.4920, 0.2057,
0.2308

■ 90.4809, 0.3505,
0.3788

■ 19.9981, 0.1968,
0.2156

■ 95.2403, 0.3489,
0.3859

■ 17.8369, 0.1899,
0.2007

■ 96.7192, 0.3484,
0.3880

Harmonies

Analogous

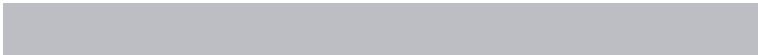
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.5160, 0.3052, 0.3272



51.5160, 0.3049, 0.3240



51.5160, 0.3067, 0.3222

Triad

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



51.5160, 0.3049, 0.3240



51.5160, 0.3181, 0.3272



51.5160, 0.3152, 0.3359

Complementary

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



51.5160, 0.3049, 0.3240



51.4608, 0.3208, 0.3339

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.



51.5160, 0.3187, 0.3359



51.5160, 0.3049, 0.3240



51.5160, 0.3204, 0.3308

Square

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



51.5160, 0.3049, 0.3240



51.5160, 0.3143, 0.3240



51.5160, 0.3206, 0.3340



51.5160, 0.3111, 0.3341

Rectangle

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



51.5160, 0.3049, 0.3240



51.5160, 0.3089, 0.3220



51.5160, 0.3206, 0.3340



51.5160, 0.3165, 0.3361

Sweetspot

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



51.5182, 0.3049, 0.3240



95.5580, 0.3096, 0.3271



52.9954, 0.3093, 0.3368



20.9495, 0.3098, 0.3272



0.0000, 0.0000, 0.0000



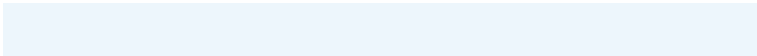
21.4041, 0.3127, 0.3290

Same Dimension

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



51.5182, 0.3049, 0.3240



91.3074, 0.3034, 0.3230



49.4202, 0.3050, 0.3178



11.0852, 0.3027, 0.3226



11.1392, 0.1877, 0.1955



0.6127, 0.1968, 0.2286

Inverse Universe

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



50.0426, 0.3164, 0.3215



88.2059, 0.3171, 0.3201



53.5994, 0.3203, 0.3400



10.6801, 0.3175, 0.3194



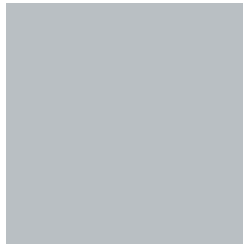
8.4067, 0.4504, 0.2255



0.3765, 0.4142, 0.2055

Previews

White Background



This preview shows how the Yxy color 51.5160, 0.3049, 0.3240 looks on a white background.

Color Contrast Check

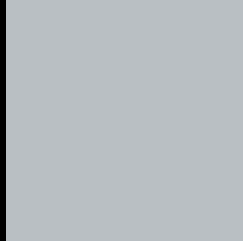
Large Text (above 18pt) WCAG AA × Fail

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 51.5160, 0.3049, 0.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

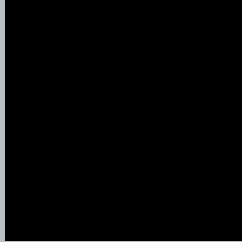
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

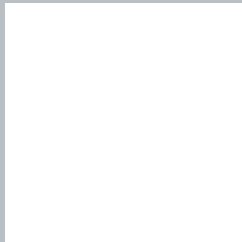
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.5160, 0.3049, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 51.5160, 0.3049, 0.3240.



This preview shows how white text looks on a background with the Yxy color 51.5160, 0.3049, 0.3240.

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

51.5160, 0.3049, 0.3240

Protanopia

51.4967, 0.3114, 0.3228

Deuteranopia

51.2456, 0.3210, 0.3146



Tritanopia

51.7995, 0.2992, 0.3105

Trichromacy



Original Color

51.5160, 0.3049, 0.3240

Protanomaly

51.5408, 0.3089, 0.3240

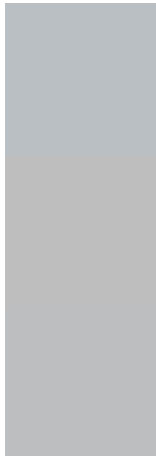
Deuteranomaly

51.5319, 0.3149, 0.3180

Tritanomaly

51.4831, 0.3013, 0.3153

Monochromacy



Original Color

51.5160, 0.3049, 0.3240

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.3240, 0.3096, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5160, 0.3049, 0.3240 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(185, 191, 195)` looks like.

```
.text, #text, p{  
    color:rgb(185, 191, 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(185, 191, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 191, 195) }
```

Border

The CSS property to change the border of an element to Yxy 51.5160, 0.3049, 0.3240 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(185, 191, 195) }
```

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

```
.border{ border-color:rgb(185, 191, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 191, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 191, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 191, 195);  
box-shadow:4px 4px 4px 4px rgb(185, 191,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5160, 0.3049, 0.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 191, 195) }
```

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

```
.background{ background-color: rgb(185,  
191, 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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