

Converting Colors

Yxy(51.6087, 0.3025, 0.3253)

Have a look what the booklet for
Yxy(51.6087, 0.3025, 0.3253)
contains.

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Color

Yxy(51.5845, 0.3025, 0.3252)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B6C0C3 |
| RGB | 182, 192, 195 |
| RGB Percent | 71%, 75%, 76% |
| CMY | 0.2864, 0.2470, 0.2353 |
| CMYK | 0.07, 0.02, 0.00, 0.24 |
| HSL | 194°, 10%, 74% |
| HSV | 194°, 7%, 76% |
| XYZ | 47.9837, 51.5845, 59.0557 |
| YIQ | 189.3520, -6.9230, -1.1870 |

Conversions

Conversions Part 2

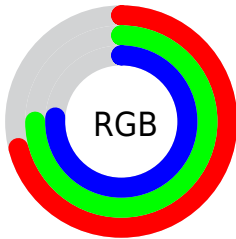
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 182, 188, 195 |
| Decimal | 11976899 |
| CIE Lab | 77.03, -2.87, -2.70 |
| CIE LCh | 77, 3.944, 223.281 |
| Yxy | 51.5845, 0.3025, 0.3252 |
| Android (android.graphics.Color) | 4290166979 (0xFFB6C0C3) |
| YUV | 189.3520, 2.7845, -6.4477 |
| Hunter-Lab | 71.8224, -6.4352, 1.5246 |

Details

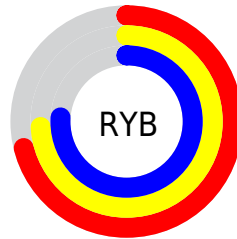
The Yxy color **51.5845, 0.3025, 0.3252** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.6510, 0.3236, 0.3328**, and the grayscale version is **51.0853, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.3402, 0.3041, 0.3250**, and **25.0555, 0.3000, 0.3255** is the 20% darker color. If you saturate the color by 10%, you get **47.4471, 0.2873, 0.3190**, and if you desaturate by 10%, it is **56.1162, 0.3178, 0.3308**.

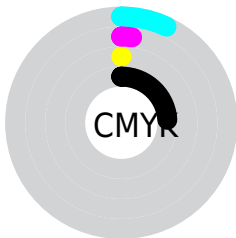
Distribution



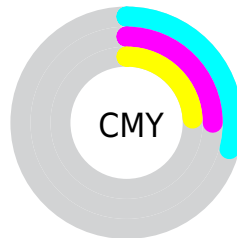
- Red (71%)
- Green (75%)
- Blue (76%)



- Red (71%)
- Yellow (74%)
- Blue (76%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (24%)



- Cyan (29%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.5845, 0.3025, 0.3252 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 51.5845, 0.3025, 0.3252 by changing the saturation by 10% instead.

■ 51.5845, 0.3025,
0.3252

■ 51.5845, 0.3025,
0.3252

392.8304, 0.3075,
0.3271

■ 36.6740, 0.3013,
0.3247

■ 92.5182, 0.3043,
0.3259

■ 24.9552, 0.2997,
0.3241

119.3101, 0.3050,
0.3261

■ 16.0437, 0.2977,
0.3233

150.8314, 0.3056,
0.3264

■ 9.5551, 0.2949,
0.3222

187.4663, 0.3061,
0.3266

■ 5.1050, 0.2908,
0.3206

229.5992, 0.3065,
0.3267

■ 2.3090, 0.2842,
0.3179

277.6147, 0.3069,

■ 0.7785, 0.2693,

0.3269

0.3130

331.8969, 0.3072,
0.3270

0.0000, 0.0000,
0.0000

51.5845, 0.3025,
0.3252

51.5845, 0.3025,
0.3252

47.4471, 0.2873,
0.3190

56.1162, 0.3178,
0.3308

43.6833, 0.2726,
0.3123

61.0489, 0.3329,
0.3358

40.2803, 0.2585,
0.3051

66.3975, 0.3478,
0.3403

37.2219, 0.2455,
0.2974

71.2212, 0.3583,
0.3444

34.4905, 0.2339,
0.2894

73.4521, 0.3573,
0.3489

■ 32.0666, 0.2238,
0.2811

■ 75.7447, 0.3563,
0.3534

■ 29.9285, 0.2156,
0.2727

■ 78.0997, 0.3553,
0.3578

■ 28.0507, 0.2093,
0.2643

■ 80.5175, 0.3543,
0.3622

■ 26.3998, 0.2049,
0.2559

■ 82.9985, 0.3533,
0.3666

Harmonies

Analogous

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



51.5845, 0.3047, 0.3299



51.5845, 0.3025, 0.3252



51.5845, 0.3030, 0.3215

Triad

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



51.5845, 0.3025, 0.3252



51.5845, 0.3164, 0.3237



51.5845, 0.3193, 0.3382

Complementary

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



51.5845, 0.3025, 0.3252



49.6510, 0.3236, 0.3328

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.



51.5845, 0.3225, 0.3364



51.5845, 0.3025, 0.3252



51.5845, 0.3208, 0.3280

Square

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



51.5845, 0.3025, 0.3252



51.5845, 0.3110, 0.3207



51.5845, 0.3231, 0.3327



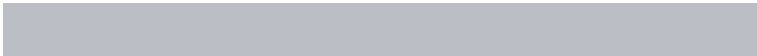
51.5845, 0.3144, 0.3375

Rectangle

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



51.5845, 0.3025, 0.3252



51.5845, 0.3049, 0.3202



51.5845, 0.3231, 0.3327



51.5845, 0.3206, 0.3379

Sweetspot

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



51.5867, 0.3025, 0.3252



96.0830, 0.3096, 0.3279



52.4633, 0.3099, 0.3420



21.0589, 0.3098, 0.3279



0.0000, 0.0000, 0.0000



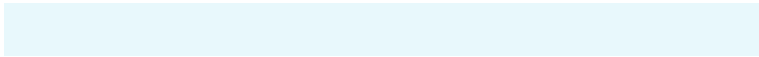
21.4041, 0.3127, 0.3290

Same Dimension

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



51.5867, 0.3025, 0.3252



91.2863, 0.3003, 0.3244



48.8524, 0.3026, 0.3171



11.0252, 0.2984, 0.3236



16.9538, 0.2040, 0.2543



0.8305, 0.2091, 0.2729

Inverse Universe

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



48.8477, 0.3158, 0.3165



85.4027, 0.3165, 0.3138



52.3719, 0.3229, 0.3407



10.2068, 0.3172, 0.3114



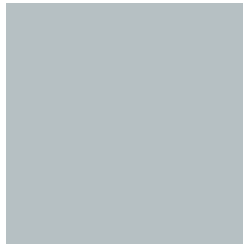
8.9937, 0.3880, 0.1911



0.3985, 0.3701, 0.1813

Previews

White Background



This preview shows how the Yxy color 51.5845, 0.3025, 0.3252 looks on a white background.

Color Contrast Check

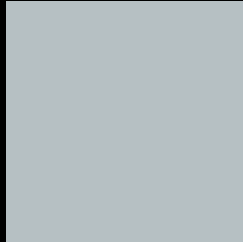
Large Text (above 18pt) WCAG AA × Fail

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 51.5845, 0.3025, 0.3252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

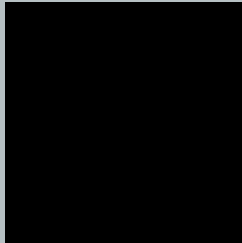
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

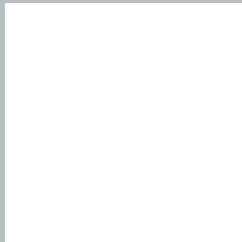
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.5845, 0.3025, 0.3252

Background



This preview shows how black text looks on a background with the Yxy color 51.5845, 0.3025, 0.3252.



This preview shows how white text looks on a background with the Yxy color 51.5845, 0.3025, 0.3252.

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

51.5845, 0.3025, 0.3252

Protanopia

51.4519, 0.3121, 0.3240

Deuteranopia

51.2913, 0.3202, 0.3134



Tritanopia

51.4250, 0.2969, 0.3103

Trichromacy



Original Color

51.5845, 0.3025, 0.3252

Protanomaly

51.4133, 0.3081, 0.3240

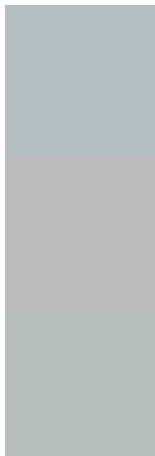
Deuteranomaly

51.3965, 0.3141, 0.3180

Tritanomaly

51.5459, 0.2990, 0.3164

Monochromacy



Original Color

51.5845, 0.3025, 0.3252

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.0276, 0.3087, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5845, 0.3025, 0.3252 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(182, 192, 195)` looks like.

```
.text, #text, p{  
    color:rgb(182, 192, 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(182, 192, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 192, 195) }
```

Border

The CSS property to change the border of an element to Yxy 51.5845, 0.3025, 0.3252 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(182, 192, 195) }
```

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

```
.border{ border-color:rgb(182, 192, 195) }
```

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

Here you see how a box with a 4 pixel rgb(182, 192, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 192, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 192, 195);  
box-shadow:4px 4px 4px 4px rgb(182, 192,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5845, 0.3025, 0.3252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 192, 195) }
```

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

```
.background{ background-color: rgb(182,  
192, 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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