

Converting Colors

$Yxy(53.4597, 0.2997, 0.3167)$

Have a look what the booklet for
Yxy(53.4597, 0.2997, 0.3167)
contains.

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Color

Yxy(53.5080, 0.3000, 0.3167)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | BBC2CC |
| RGB | 187, 194, 204 |
| RGB Percent | 73%, 76%, 80% |
| CMY | 0.2665, 0.2392, 0.2001 |
| CMYK | 0.08, 0.05, 0.00, 0.20 |
| HSL | 215°, 14%, 77% |
| HSV | 215°, 8%, 80% |
| XYZ | 50.6865, 53.5080, 64.7604 |
| YIQ | 193.0470, -7.3820, 1.6260 |

Conversions

Conversions Part 2

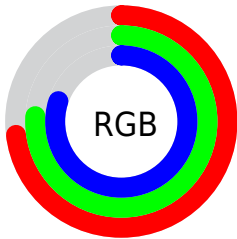
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 187, 192, 204 |
| Decimal | 12305100 |
| CIE _{Lab} | 78.17, -0.46, -5.83 |
| CIE _{LCh} | 78, 5.844, 265.522 |
| Yxy | 53.5080, 0.3000, 0.3167 |
| Android (android.graphics.Color) | 4290495180 (0xFFBBC2CC) |
| YUV | 193.0470, 5.3998, -5.3032 |
| Hunter-Lab | 73.1492, -4.3250, -1.2862 |

Details

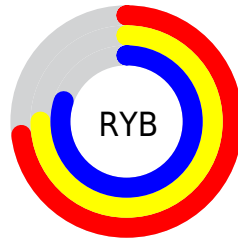
The Yxy color **53.5080, 0.3000, 0.3167** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.3530, 0.3257, 0.3410**, and the grayscale version is **53.3311, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6459, 0.3055, 0.3241**, and **26.0265, 0.2966, 0.3124** is the 20% darker color. If you saturate the color by 10%, you get **45.9881, 0.2839, 0.3003**, and if you desaturate by 10%, it is **61.8295, 0.3152, 0.3314**.

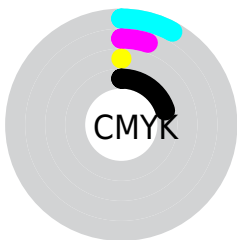
Distribution



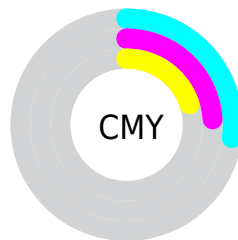
- Red (73%)
- Green (76%)
- Blue (80%)



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



- Cyan (8%)
- Magenta (5%)
- Yellow (0%)
- Black (20%)



- Cyan (27%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.5080, 0.3000, 0.3167 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 53.5080, 0.3000, 0.3167 by changing the saturation by 10% instead.

■ 53.5080, 0.3000,
0.3167

■ 53.5080, 0.3000,
0.3167

400.2311, 0.3062,
0.3227

■ 38.2085, 0.2985,
0.3152

■ 95.3515, 0.3022,
0.3189

■ 26.1445, 0.2966,
0.3134

122.6642, 0.3031,
0.3197

■ 16.9318, 0.2941,
0.3110

154.7501, 0.3038,
0.3204

■ 10.1859, 0.2907,
0.3076

191.9935, 0.3044,
0.3210

■ 5.5224, 0.2858,
0.3029

234.7790, 0.3049,
0.3215

■ 2.5569, 0.2781,
0.2953

283.4908, 0.3054,

■ 0.9050, 0.2642,

0.3219

0.2817

338.5134, 0.3058,
0.3224

0.0000, 0.0000,
0.0000

53.5080, 0.3000,
0.3167

53.5080, 0.3000,
0.3167

45.9881, 0.2839,
0.3003

61.8295, 0.3152,
0.3314

39.2374, 0.2671,
0.2820

70.9699, 0.3295,
0.3443

33.2314, 0.2500,
0.2621

80.9547, 0.3427,
0.3558

27.9413, 0.2331,
0.2407

89.1310, 0.3454,
0.3669

23.3365, 0.2167,
0.2183

96.5133, 0.3432,
0.3782

■ 19.3834, 0.2017,
0.1954

■ 97.1379, 0.3430,
0.3791

■ 16.0452, 0.1887,
0.1728

■ 13.2801, 0.1781,
0.1513

■ 11.0304, 0.1703,
0.1317

Harmonies

Analogous

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



53.5080, 0.2976, 0.3209



53.5080, 0.3000, 0.3167



53.5080, 0.3058, 0.3158

Triad

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



53.5080, 0.3000, 0.3167



53.5080, 0.3264, 0.3304



53.5080, 0.3118, 0.3401

Complementary

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



53.5080, 0.3000, 0.3167



56.3530, 0.3257, 0.3410

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.



53.5080, 0.3196, 0.3426



53.5080, 0.3000, 0.3167



53.5080, 0.3281, 0.3369

Square

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



53.5080, 0.3000, 0.3167



53.5080, 0.3210, 0.3236



53.5080, 0.3255, 0.3414



53.5080, 0.3044, 0.3345

Rectangle

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



53.5080, 0.3000, 0.3167



53.5080, 0.3108, 0.3171



53.5080, 0.3255, 0.3414



53.5080, 0.3145, 0.3413

Sweetspot

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



53.5103, 0.3000, 0.3167



97.1454, 0.3097, 0.3261



57.7649, 0.3048, 0.3376



20.8231, 0.3098, 0.3263



0.0000, 0.0000, 0.0000



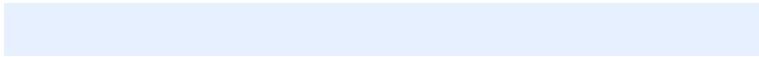
21.4041, 0.3127, 0.3290

Same Dimension

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



53.5103, 0.3000, 0.3167



86.2763, 0.2971, 0.3138



50.6601, 0.3011, 0.3081



11.5895, 0.2983, 0.3150



6.9028, 0.1698, 0.1311



0.5045, 0.1806, 0.1702

Inverse Universe

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



52.2818, 0.3214, 0.3206



83.8666, 0.3235, 0.3187



59.3922, 0.3238, 0.3493



11.2889, 0.3227, 0.3195



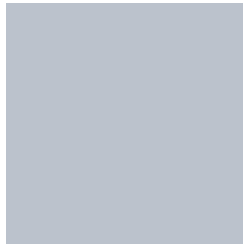
8.4998, 0.5312, 0.2700



0.4535, 0.4804, 0.2420

Previews

White Background



This preview shows how the Yxy color 53.5080, 0.3000, 0.3167 looks on a white background.

Color Contrast Check

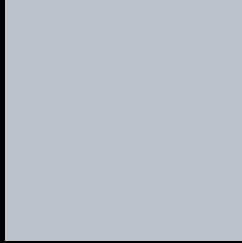
Large Text (above 18pt) WCAG AA × Fail

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 53.5080, 0.3000, 0.3167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

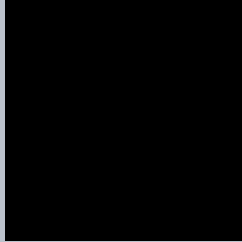
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

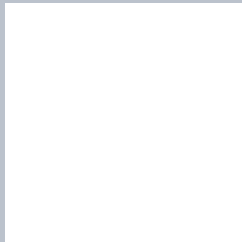
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.5080, 0.3000, 0.3167

Background



This preview shows how black text looks on a background with the Yxy color 53.5080, 0.3000, 0.3167.

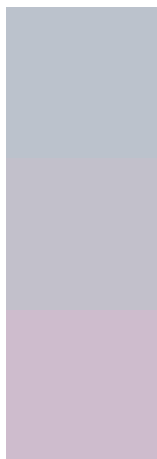


This preview shows how white text looks on a background with the Yxy color 53.5080, 0.3000, 0.3167.

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

53.5080, 0.3000, 0.3167

Protanopia

53.4804, 0.3062, 0.3156

Deuteranopia

53.4960, 0.3145, 0.3089



Tritanopia

53.4347, 0.2972, 0.3094

Trichromacy



Original Color

53.5080, 0.3000, 0.3167

Protanomaly

53.5281, 0.3038, 0.3168

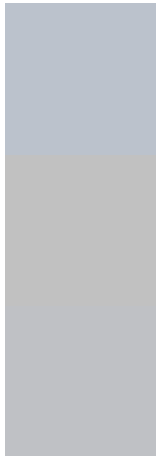
Deuteranomaly

53.3768, 0.3087, 0.3110

Tritanomaly

53.3363, 0.2986, 0.3118

Monochromacy



Original Color

53.5080, 0.3000, 0.3167

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.2475, 0.3082, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5080, 0.3000, 0.3167 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(187, 194, 204)` looks like.

```
.text, #text, p{  
    color:rgb(187, 194, 204)  
}
```

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(187, 194, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 194, 204) }
```

Border

The CSS property to change the border of an element to Yxy 53.5080, 0.3000, 0.3167 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(187, 194, 204) }
```

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

```
.border{ border-color:rgb(187, 194, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 194, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 194, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 194, 204);  
box-shadow:4px 4px 4px 4px rgb(187, 194,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5080, 0.3000, 0.3167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 194, 204) }
```

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

```
.background{ background-color: rgb(187,  
194, 204) }
```

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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