

Converting Colors

Yxy(51.6145, 0.2954, 0.3115)

Have a look what the booklet for
Yxy(51.6145, 0.2954, 0.3115)
contains.

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Color

Yxy(51.6145, 0.2954, 0.3115)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B6BFCD |
| RGB | 182, 191, 205 |
| RGB Percent | 71%, 75%, 80% |
| CMY | 0.2861, 0.2510, 0.1961 |
| CMYK | 0.11, 0.07, 0.00, 0.20 |
| HSL | 217°, 19%, 76% |
| HSV | 217°, 11%, 80% |
| XYZ | 48.9468, 51.6145, 65.1353 |
| YIQ | 189.9050, -9.8580, 2.4460 |

Conversions

Conversions Part 2

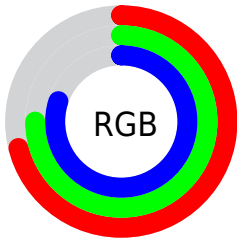
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 182, 188, 205 |
| Decimal | 11976653 |
| CIE _{Lab} | 77.05, -0.30, -8.09 |
| CIE _{LCh} | 77, 8.094, 267.852 |
| Yxy | 51.6145, 0.2954, 0.3115 |
| Android (android.graphics.Color) | 4290166733 (0xFFB6BFCD) |
| YUV | 189.9050, 7.4418, -6.9327 |
| Hunter-Lab | 71.8432, -4.1136, -3.4639 |

Details

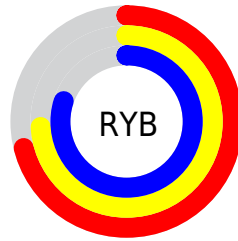
The Yxy color **51.6145, 0.2954, 0.3115** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.8517, 0.3305, 0.3459**, and the grayscale version is **51.3994, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9187, 0.3024, 0.3211**, and **25.0785, 0.2905, 0.3071** is the 20% darker color. If you saturate the color by 10%, you get **44.0795, 0.2790, 0.2939**, and if you desaturate by 10%, it is **59.9844, 0.3109, 0.3272**.

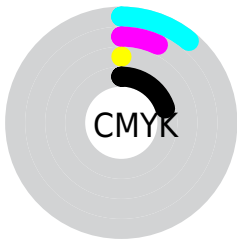
Distribution



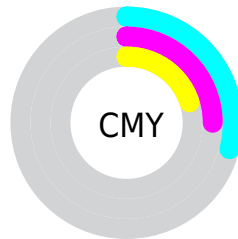
- Red (71%)
- Green (75%)
- Blue (80%)



- Red (71%)
- Yellow (74%)
- Blue (80%)



- Cyan (11%)
- Magenta (7%)
- Yellow (0%)
- Black (20%)



- Cyan (29%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.6145, 0.2954, 0.3115 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 51.6145, 0.2954, 0.3115 by changing the saturation by 10% instead.

■ 51.6145, 0.2954,
0.3115

■ 51.6145, 0.2954,
0.3115

392.9466, 0.3039,
0.3201

■ 36.6979, 0.2933,
0.3094

■ 92.5625, 0.2984,
0.3146

■ 24.9737, 0.2907,
0.3067

119.3626, 0.2996,
0.3158

■ 16.0574, 0.2873,
0.3032

150.8927, 0.3006,
0.3167

■ 9.5648, 0.2825,
0.2984

187.5372, 0.3014,
0.3176

■ 5.1114, 0.2757,
0.2915

229.6804, 0.3022,
0.3183

■ 2.3128, 0.2648,
0.2804

277.7068, 0.3028,

■ 0.7805, 0.2445,

0.3190

0.2598

332.0007, 0.3034,
0.3196

0.0000, 0.0000,
0.0000

51.6145, 0.2954,
0.3115

51.6145, 0.2954,
0.3115

44.0795, 0.2790,
0.2939

59.9844, 0.3109,
0.3272

37.3455, 0.2620,
0.2745

69.2088, 0.3254,
0.3412

31.3858, 0.2446,
0.2533

79.3146, 0.3389,
0.3534

26.1694, 0.2275,
0.2307

88.5718, 0.3449,
0.3649

21.6631, 0.2112,
0.2073

96.2264, 0.3426,
0.3767

■ 17.8305, 0.1964,
0.1836

■ 97.1875, 0.3424,
0.3780

■ 14.6316, 0.1838,
0.1607

■ 12.0201, 0.1739,
0.1393

■ 10.1461, 0.1673,
0.1222

Harmonies

Analogous

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



51.6145, 0.2917, 0.3170



51.6145, 0.2954, 0.3115



51.6145, 0.3037, 0.3107

Triad

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



51.6145, 0.2954, 0.3115



51.6145, 0.3323, 0.3316



51.6145, 0.3106, 0.3441

Complementary

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



51.6145, 0.2954, 0.3115



55.8517, 0.3305, 0.3459

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.



51.6145, 0.3215, 0.3480



51.6145, 0.2954, 0.3115



51.6145, 0.3342, 0.3405

Square

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



51.6145, 0.2954, 0.3115



51.6145, 0.3251, 0.3221



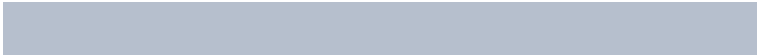
51.6145, 0.3302, 0.3466



51.6145, 0.3004, 0.3359

Rectangle

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



51.6145, 0.2954, 0.3115



51.6145, 0.3108, 0.3128



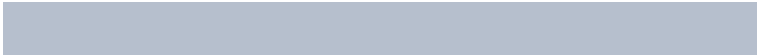
51.6145, 0.3302, 0.3466



51.6145, 0.3143, 0.3460

Sweetspot

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



51.6167, 0.2954, 0.3115



95.6380, 0.3081, 0.3245



57.5857, 0.3019, 0.3404



20.2256, 0.3069, 0.3232



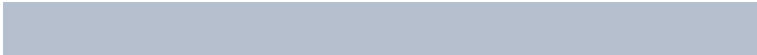
0.0000, 0.0000, 0.0000



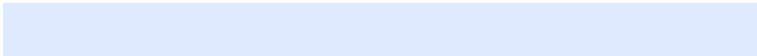
21.4041, 0.3127, 0.3290

Same Dimension

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



51.6167, 0.2954, 0.3115



82.0216, 0.2922, 0.3082



48.1091, 0.2971, 0.3002



11.5502, 0.2983, 0.3145



6.4894, 0.1680, 0.1249



0.4812, 0.1790, 0.1645

Inverse Universe

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



50.2100, 0.3252, 0.3182



79.4088, 0.3277, 0.3162



59.6923, 0.3275, 0.3565



11.2850, 0.3230, 0.3200



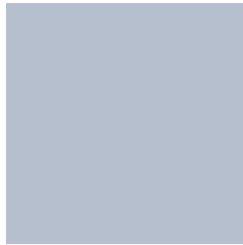
8.4581, 0.5398, 0.2747



0.4511, 0.4874, 0.2459

Previews

White Background



This preview shows how the Yxy color 51.6145, 0.2954, 0.3115 looks on a white background.

Color Contrast Check

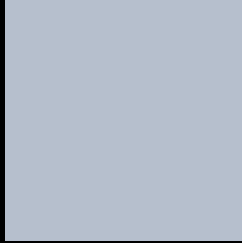
Large Text (above 18pt) WCAG AA × Fail

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 51.6145, 0.2954, 0.3115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

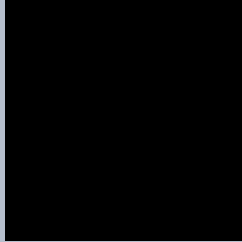
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

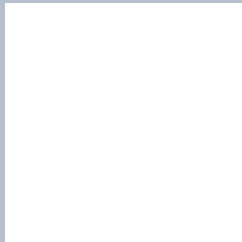
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.6145, 0.2954, 0.3115

Background



This preview shows how black text looks on a background with the Yxy color 51.6145, 0.2954, 0.3115.

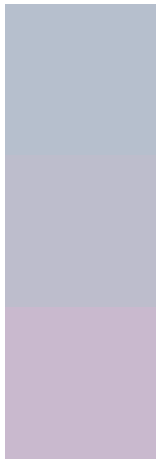


This preview shows how white text looks on a background with the Yxy color 51.6145, 0.2954, 0.3115.

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

51.6145, 0.2954, 0.3115

Protanopia

51.5736, 0.3015, 0.3105

Deuteranopia

51.5717, 0.3098, 0.3039



Tritanopia

51.6629, 0.2947, 0.3103

Trichromacy



Original Color

51.6145, 0.2954, 0.3115

Protanomaly

51.6256, 0.2992, 0.3116

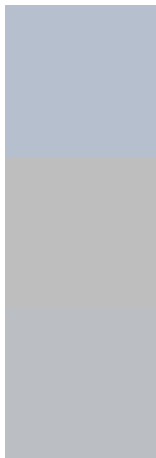
Deuteranomaly

51.4662, 0.3041, 0.3059

Tritanomaly

51.6629, 0.2947, 0.3103

Monochromacy



Original Color

51.6145, 0.2954, 0.3115

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.3318, 0.3065, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6145, 0.2954, 0.3115 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, 191, 205)` looks like.

```
.text, #text, p{  
    color:rgb(182, 191, 205)  
}
```

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, 191, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 191, 205) }
```

Border

The CSS property to change the border of an element to Yxy 51.6145, 0.2954, 0.3115 is called "border". The border property can be set on classes, ids or directly on the HTML element.

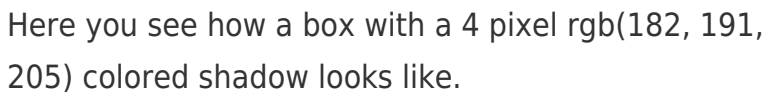
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(182, 191, 205) }
```

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

```
.border{ border-color:rgb(182, 191, 205) }
```

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



Here you see how a box with a 4 pixel `rgb(182, 191, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 191, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 191, 205); box-shadow:4px 4px 4px 4px rgb(182, 191, 205) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6145, 0.2954, 0.3115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 191, 205) }
```

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

```
.background{ background-color: rgb(182,  
191, 205) }
```

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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