

Converting Colors

Yxy(51.5026, 0.2909, 0.3113)

Have a look what the booklet for
Yxy(51.5026, 0.2909, 0.3113)
contains.

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Color

Yxy(51.5026, 0.2909, 0.3113)

Conversions

Conversions Part 1

Format	Color
Hex	B1C0CE
RGB	177, 192, 206
RGB Percent	69%, 75%, 81%
CMY	0.3058, 0.2471, 0.1920
CMYK	0.14, 0.07, 0.00, 0.19
HSL	209°, 23%, 75%
HSV	209°, 14%, 81%
XYZ	48.1276, 51.5026, 65.8135
YIQ	189.1110, -13.4340, 1.1740

Conversions

Conversions Part 2

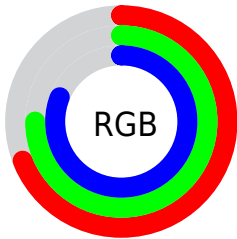
Format	Color
RYB	177, 187, 206
Decimal	11649230
CIELab	76.98, -2.26, -8.79
CIElCh	77, 9.074, 255.565
Yxy	51.5026, 0.2909, 0.3113
Android (android.graphics.Color)	4289839310 (0xFFB1C0CE)
YUV	189.1110, 8.3263, -10.6213
Hunter-Lab	71.7653, -5.8829, -4.1371

Details

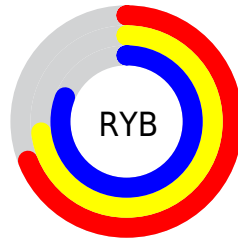
The Yxy color **51.5026, 0.2909, 0.3113** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.5857, 0.3361, 0.3461**, and the grayscale version is **50.9165, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.6784, 0.2993, 0.3220**, and **25.0173, 0.2847, 0.3068** is the 20% darker color. If you saturate the color by 10%, you get **45.0353, 0.2748, 0.2970**, and if you desaturate by 10%, it is **58.6358, 0.3065, 0.3242**.

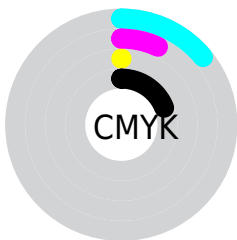
Distribution



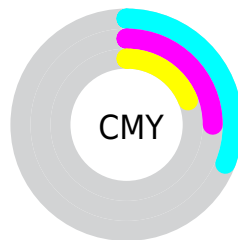
- Red (69%)
- Green (75%)
- Blue (81%)



- Red (69%)
- Yellow (73%)
- Blue (81%)



- Cyan (14%)
- Magenta (7%)
- Yellow (0%)
- Black (19%)



- Cyan (31%)
- Magenta (25%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.5026, 0.2909, 0.3113 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 51.5026, 0.2909, 0.3113 by changing the saturation by 10% instead.

■ 51.5026, 0.2909,
0.3113

■ 51.5026, 0.2909,
0.3113

392.5133, 0.3016,
0.3200

■ 36.6088, 0.2883,
0.3092

■ 92.3973, 0.2947,
0.3144

■ 24.9047, 0.2850,
0.3064

119.1669, 0.2962,
0.3156

■ 16.0061, 0.2807,
0.3028

150.6639, 0.2974,
0.3166

■ 9.5285, 0.2748,
0.2979

187.2726, 0.2985,
0.3175

■ 5.0874, 0.2663,
0.2907

229.3776, 0.2994,
0.3183

■ 2.2987, 0.2529,
0.2792

277.3631, 0.3002,

■ 0.7730, 0.2267,

0.3189

0.2579

331.6135, 0.3009,
0.3195

0.0000, 0.0000,
0.0000

51.5026, 0.2909,
0.3113

51.5026, 0.2909,
0.3113

45.0353, 0.2748,
0.2970

58.6358, 0.3065,
0.3242

39.2055, 0.2586,
0.2814

66.4495, 0.3215,
0.3356

33.9916, 0.2426,
0.2645

74.9657, 0.3357,
0.3458

29.3684, 0.2273,
0.2466

83.3531, 0.3459,
0.3550

25.3085, 0.2132,
0.2280

89.1197, 0.3441,
0.3647

■ 21.7815, 0.2007,
0.2090

■ 95.2096, 0.3423,
0.3741

■ 18.7534, 0.1903,
0.1903

■ 97.2376, 0.3418,
0.3770

■ 16.1839, 0.1823,
0.1723

■ 14.8405, 0.1784,
0.1620

Harmonies

Analogous

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



51.5026, 0.2892, 0.3193



51.5026, 0.2909, 0.3113



51.5026, 0.2983, 0.3082

Triad

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



51.5026, 0.2909, 0.3113



51.5026, 0.3320, 0.3274



51.5026, 0.3154, 0.3485

Complementary

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



51.5026, 0.2909, 0.3113



53.5857, 0.3361, 0.3461

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.



51.5026, 0.3271, 0.3504



51.5026, 0.2909, 0.3113



51.5026, 0.3368, 0.3380

Square

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



51.5026, 0.2909, 0.3113



51.5026, 0.3220, 0.3175



51.5026, 0.3349, 0.3465



51.5026, 0.3032, 0.3410

Rectangle

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



51.5026, 0.2909, 0.3113



51.5026, 0.3056, 0.3091



51.5026, 0.3349, 0.3465



51.5026, 0.3195, 0.3498

Sweetspot

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



51.5047, 0.2909, 0.3113



95.0086, 0.3066, 0.3242



57.2688, 0.3014, 0.3478



20.1392, 0.3054, 0.3233



0.0000, 0.0000, 0.0000



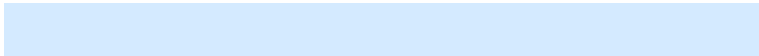
21.4041, 0.3127, 0.3290

Same Dimension

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



51.5047, 0.2909, 0.3113



80.0276, 0.2859, 0.3070



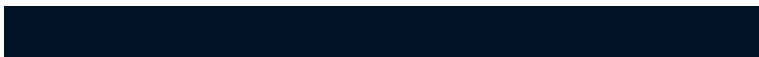
45.4515, 0.2903, 0.2926



11.7859, 0.2983, 0.3175



9.3310, 0.1791, 0.1645



0.6330, 0.1887, 0.1992

Inverse Universe

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



48.3842, 0.3258, 0.3109



74.1144, 0.3292, 0.3067



60.2242, 0.3337, 0.3630



11.3088, 0.3211, 0.3171



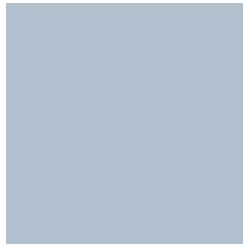
8.7450, 0.4874, 0.2459



0.4664, 0.4462, 0.2232

Previews

White Background



This preview shows how the Yxy color 51.5026, 0.2909, 0.3113 looks on a white background.

Color Contrast Check

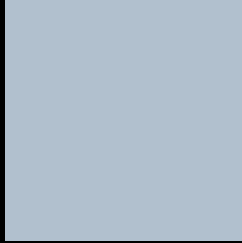
Large Text (above 18pt) WCAG AA × Fail

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 51.5026, 0.2909, 0.3113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

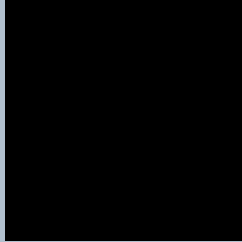
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

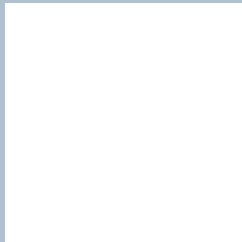
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.5026, 0.2909, 0.3113

Background



This preview shows how black text looks on a background with the Yxy color 51.5026, 0.2909, 0.3113.

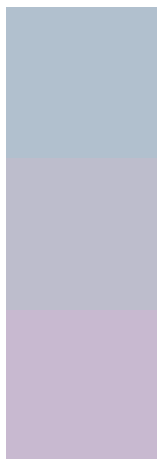


This preview shows how white text looks on a background with the Yxy color 51.5026, 0.2909, 0.3113.

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

51.5026, 0.2909, 0.3113

Protanopia

51.5736, 0.3015, 0.3105

Deuteranopia

51.5314, 0.3074, 0.3015



Tritanopia

51.5514, 0.2902, 0.3101

Trichromacy



Original Color

51.5026, 0.2909, 0.3113

Protanomaly

51.5490, 0.2977, 0.3104

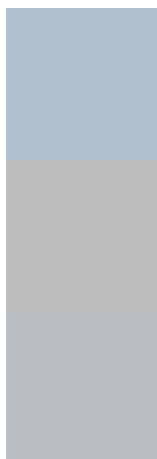
Deuteranomaly

51.6779, 0.3017, 0.3058

Tritanomaly

51.5514, 0.2902, 0.3101

Monochromacy



Original Color

51.5026, 0.2909, 0.3113

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.0813, 0.3049, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5026, 0.2909, 0.3113 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(177, 192, 206)` looks like.

```
.text, #text, p{  
    color:rgb(177, 192, 206)  
}
```

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(177, 192, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 192, 206) }
```

Border

The CSS property to change the border of an element to Yxy 51.5026, 0.2909, 0.3113 is called "border". The border property can be set on classes, ids or directly on the HTML element.

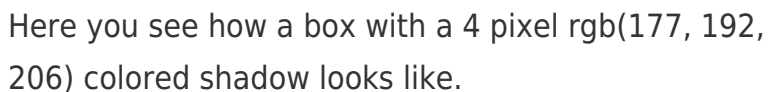
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 192, 206) }
```

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

```
.border{ border-color:rgb(177, 192, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 192, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 192, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 192, 206); box-shadow:4px 4px 4px 4px rgb(177, 192, 206) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5026, 0.2909, 0.3113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 192, 206) }
```

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

```
.background{ background-color: rgb(177,  
192, 206) }
```

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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