

Converting Colors

$Yxy(51.1936, 0.2929, 0.3163)$

Have a look what the booklet for
Yxy(51.1936, 0.2929, 0.3163)
contains.

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Color

Yxy(51.1936, 0.2929, 0.3163)

Conversions

Conversions Part 1

Format	Color
Hex	B0C0CA
RGB	176, 192, 202
RGB Percent	69%, 75%, 79%
CMY	0.3100, 0.2470, 0.2079
CMYK	0.13, 0.05, 0.00, 0.21
HSL	203°, 20%, 74%
HSV	203°, 13%, 79%
XYZ	47.4063, 51.1936, 63.2515
YIQ	188.3560, -12.7460, -0.2820

Conversions

Conversions Part 2

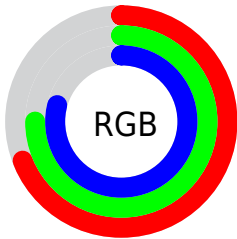
Format	Color
R _Y B	176, 186, 202
Decimal	11583690
CIE Lab	76.80, -3.46, -6.89
CIE LCh	77, 7.705, 243.321
Yxy	51.1936, 0.2929, 0.3163
Android (android.graphics.Color)	4289773770 (0xFFB0C0CA)
YUV	188.3560, 6.7265, -10.8362
Hunter-Lab	71.5497, -6.9443, -2.3289

Details

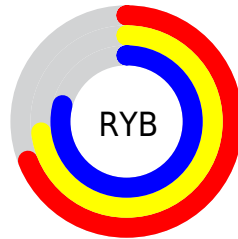
The Yxy color **51.1936, 0.2929, 0.3163** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.7760, 0.3343, 0.3414**, and the grayscale version is **50.4659, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5106, 0.2987, 0.3220**, and **24.8143, 0.2873, 0.3134** is the 20% darker color. If you saturate the color by 10%, you get **45.7049, 0.2773, 0.3052**, and if you desaturate by 10%, it is **57.2155, 0.3083, 0.3263**.

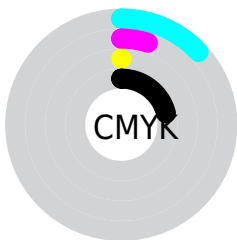
Distribution



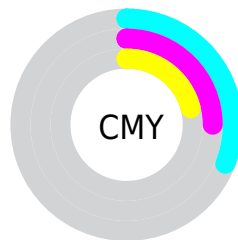
- Red (69%)
- Green (75%)
- Blue (79%)



- Red (69%)
- Yellow (73%)
- Blue (79%)



- Cyan (13%)
- Magenta (5%)
- Yellow (0%)
- Black (21%)



- Cyan (31%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.1936, 0.2929, 0.3163 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 51.1936, 0.2929, 0.3163 by changing the saturation by 10% instead.

■ 51.1936, 0.2929,
0.3163

■ 51.1936, 0.2929,
0.3163

391.3155, 0.3026,
0.3226

■ 36.3627, 0.2905,
0.3147

■ 91.9409, 0.2964,
0.3186

■ 24.7145, 0.2875,
0.3128

118.6261, 0.2977,
0.3194

■ 15.8644, 0.2836,
0.3101

150.0315, 0.2988,
0.3202

■ 9.4283, 0.2782,
0.3065

186.5415, 0.2998,
0.3208

■ 5.0216, 0.2704,
0.3011

228.5405, 0.3006,
0.3213

■ 2.2599, 0.2581,
0.2925

276.4129, 0.3014,

■ 0.7524, 0.2315,

0.3218

0.2762

330.5431, 0.3020,
0.3222

0.0000, 0.0000,
0.0000

51.1936, 0.2929,
0.3163

51.1936, 0.2929,
0.3163

45.7049, 0.2773,
0.3052

57.2155, 0.3083,
0.3263

40.7249, 0.2618,
0.2932

63.7813, 0.3234,
0.3353

36.2364, 0.2468,
0.2802

70.9095, 0.3379,
0.3433

32.2186, 0.2327,
0.2663

78.2813, 0.3504,
0.3504

28.6487, 0.2198,
0.2519

82.5101, 0.3488,
0.3580

■ 25.5016, 0.2086,
0.2371

■ 86.9303, 0.3473,
0.3655

■ 22.7488, 0.1994,
0.2223

■ 91.5443, 0.3458,
0.3729

■ 20.3565, 0.1923,
0.2077

■ 96.3544, 0.3444,
0.3800

■ 18.8332, 0.1882,
0.1975

■ 97.0437, 0.3442,
0.3810

Harmonies

Analogous

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



51.1936, 0.2937, 0.3244



51.1936, 0.2929, 0.3163



51.1936, 0.2973, 0.3118

Triad

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



51.1936, 0.2929, 0.3163



51.1936, 0.3261, 0.3240



51.1936, 0.3193, 0.3468

Complementary

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



51.1936, 0.2929, 0.3163



50.7760, 0.3343, 0.3414

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.



51.1936, 0.3282, 0.3464



51.1936, 0.2929, 0.3163



51.1936, 0.3322, 0.3331

Square

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



51.1936, 0.2929, 0.3163



51.1936, 0.3164, 0.3163



51.1936, 0.3329, 0.3413



51.1936, 0.3088, 0.3422

Rectangle

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



51.1936, 0.2929, 0.3163



51.1936, 0.3027, 0.3113



51.1936, 0.3329, 0.3413



51.1936, 0.3226, 0.3473

Sweetspot

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



51.1957, 0.2929, 0.3163



95.6488, 0.3065, 0.3252



54.9847, 0.3045, 0.3500



20.3013, 0.3054, 0.3245



0.0000, 0.0000, 0.0000



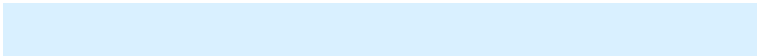
21.4041, 0.3127, 0.3290

Same Dimension

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



51.1957, 0.2929, 0.3163



84.4585, 0.2893, 0.3138



45.9016, 0.2925, 0.2999



11.9771, 0.2983, 0.3199



12.2973, 0.1888, 0.1995



0.7784, 0.1966, 0.2276

Inverse Universe

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



47.3959, 0.3224, 0.3094



77.0689, 0.3243, 0.3057



56.3129, 0.3323, 0.3565



11.3281, 0.3195, 0.3148



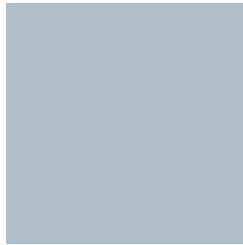
9.0444, 0.4459, 0.2230



0.4811, 0.4152, 0.2061

Previews

White Background



This preview shows how the Yxy color 51.1936, 0.2929, 0.3163 looks on a white background.

Color Contrast Check

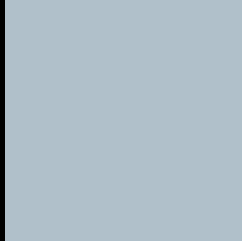
Large Text (above 18pt) WCAG AA × Fail

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 51.1936, 0.2929, 0.3163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

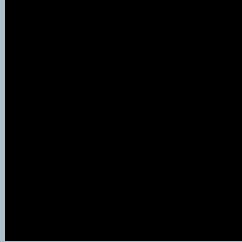
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

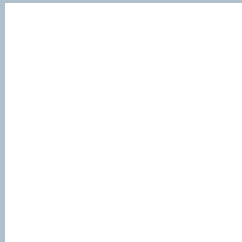
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.1936, 0.2929, 0.3163

Background



This preview shows how black text looks on a background with the Yxy color 51.1936, 0.2929, 0.3163.



This preview shows how white text looks on a background with the Yxy color 51.1936, 0.2929, 0.3163.

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

51.1936, 0.2929, 0.3163

Protanopia

51.0837, 0.3053, 0.3141

Deuteranopia

51.0581, 0.3114, 0.3050



Tritanopia

51.0649, 0.2909, 0.3101

Trichromacy



Original Color

51.1936, 0.2929, 0.3163

Protanomaly

50.9265, 0.3006, 0.3140

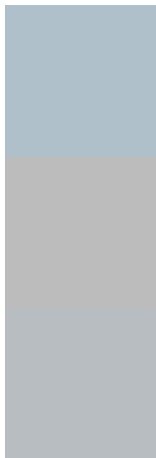
Deuteranomaly

51.0589, 0.3047, 0.3094

Tritanomaly

51.0165, 0.2916, 0.3113

Monochromacy



Original Color

51.1936, 0.2929, 0.3163

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.4358, 0.3056, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.1936, 0.2929, 0.3163 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(176, 192, 202)` looks like.

```
.text, #text, p{  
    color:rgb(176, 192, 202)  
}
```

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(176, 192, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 192, 202) }
```

Border

The CSS property to change the border of an element to Yxy 51.1936, 0.2929, 0.3163 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(176, 192, 202) }
```

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

```
.border{ border-color:rgb(176, 192, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 192, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 192, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 192, 202);  
box-shadow:4px 4px 4px 4px rgb(176, 192,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 51.1936, 0.2929, 0.3163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 192, 202) }
```

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

```
.background{ background-color: rgb(176,  
192, 202) }
```

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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