

Converting Colors

Yxy(57.0826, 0.2928, 0.3129)

Have a look what the booklet for
Yxy(57.0826, 0.2928, 0.3129)
contains.

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Color

Yxy(57.1931, 0.2932, 0.3133)

Conversions

Conversions Part 1

Format	Color
Hex	BBC9D6
RGB	187, 201, 214
RGB Percent	73%, 79%, 84%
CMY	0.2665, 0.2118, 0.1608
CMYK	0.13, 0.06, 0.00, 0.16
HSL	209°, 25%, 79%
HSV	209°, 13%, 84%
XYZ	53.5238, 57.1931, 71.8337
YIQ	198.2960, -12.5170, 1.0750

Conversions

Conversions Part 2

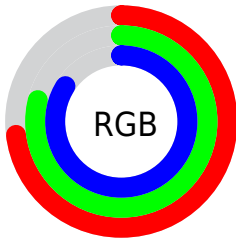
Format	Color
R_{YB}	187, 196, 214
Decimal	12306902
CIE Lab	80.29, -2.14, -8.09
CIE LCh	80, 8.372, 255.192
Yxy	57.1931, 0.2932, 0.3133
Android (android.graphics.Color)	4290496982 (0xFFBBC9D6)
YUV	198.2960, 7.7421, -9.9066
Hunter-Lab	75.6261, -6.0136, -3.3785

Details

The Yxy color **57.1931, 0.2932, 0.3133** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.2121, 0.3335, 0.3442**, and the grayscale version is **56.6235, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **28.4390, 0.2888, 0.3096** is the 20% darker color. If you saturate the color by 10%, you get **50.0426, 0.2772, 0.2993**, and if you desaturate by 10%, it is **65.0739, 0.3088, 0.3259**.

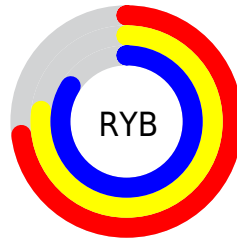
Distribution



Red (73%)

Green (79%)

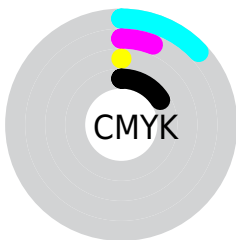
Blue (84%)



Red (73%)

Yellow (77%)

Blue (84%)

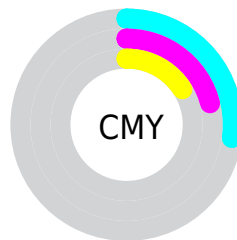


Cyan (13%)

Magenta (6%)

Yellow (0%)

Black (16%)



Cyan (27%)

Magenta (21%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.1931, 0.2932, 0.3133 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 57.1931, 0.2932, 0.3133 by changing the saturation by 10% instead.

■ 57.1931, 0.2932,
0.3133

■ 57.1931, 0.2932,
0.3133

414.1725, 0.3026,
0.3209

■ 41.1603, 0.2910,
0.3115

■ 100.7469, 0.2965,
0.3160

■ 28.4444, 0.2882,
0.3092

129.0367, 0.2978,
0.3170

■ 18.6609, 0.2845,
0.3062

162.1809, 0.2989,
0.3179

■ 11.4255, 0.2796,
0.3021

200.5639, 0.2998,
0.3187

■ 6.3538, 0.2726,
0.2963

244.5702, 0.3006,
0.3193

■ 3.0614, 0.2620,
0.2873

294.5842, 0.3014,

■ 1.1639, 0.2439,

0.3199

0.2717

350.9901, 0.3020,
0.3204

0.0319, 0.0000,
0.0504

0.0000, 0.0000,
0.0000

57.1931, 0.2932,
0.3133

57.1931, 0.2932,
0.3133

50.0426, 0.2772,
0.2993

65.0739, 0.3088,
0.3259

43.5913, 0.2609,
0.2838

73.7006, 0.3237,
0.3372

37.8159, 0.2449,
0.2671

83.0972, 0.3378,
0.3472

32.6891, 0.2294,
0.2493

89.7845, 0.3389,
0.3571

■ 28.1812, 0.2150,
0.2308

■ 96.1120, 0.3373,
0.3668

■ 24.2596, 0.2023,
0.2119

■ 97.6349, 0.3370,
0.3691

■ 20.8876, 0.1916,
0.1931

■ 18.0221, 0.1833,
0.1750

■ 16.1781, 0.1784,
0.1621

Harmonies

Analogous

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



57.1931, 0.2918, 0.3205



57.1931, 0.2932, 0.3133



57.1931, 0.2998, 0.3104

Triad

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



57.1931, 0.2932, 0.3133



57.1931, 0.3298, 0.3275



57.1931, 0.3153, 0.3464

Complementary

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



57.1931, 0.2932, 0.3133



59.2121, 0.3335, 0.3442

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.



57.1931, 0.3256, 0.3481



57.1931, 0.2932, 0.3133



57.1931, 0.3341, 0.3370

Square

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



57.1931, 0.2932, 0.3133



57.1931, 0.3209, 0.3186



57.1931, 0.3326, 0.3445



57.1931, 0.3044, 0.3398

Rectangle

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



57.1931, 0.2932, 0.3133



57.1931, 0.3062, 0.3112



57.1931, 0.3326, 0.3445



57.1931, 0.3189, 0.3475

Sweetspot

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



57.1955, 0.2932, 0.3133



95.0179, 0.3066, 0.3242



62.8134, 0.3028, 0.3463



20.1415, 0.3054, 0.3233



0.0000, 0.0000, 0.0000



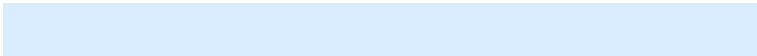
21.4041, 0.3127, 0.3290

Same Dimension

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



57.1955, 0.2932, 0.3133



82.2432, 0.2891, 0.3099



51.3638, 0.2928, 0.2972



13.0616, 0.2982, 0.3175



9.9885, 0.1791, 0.1647



0.7679, 0.1876, 0.1952

Inverse Universe

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



54.0692, 0.3243, 0.3128



76.8452, 0.3269, 0.3094



65.5231, 0.3316, 0.3590



12.5271, 0.3211, 0.3170



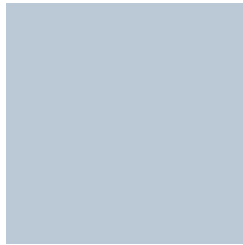
9.3532, 0.4873, 0.2458



0.5808, 0.4508, 0.2257

Previews

White Background



This preview shows how the Yxy color 57.1931, 0.2932, 0.3133 looks on a white background.

Color Contrast Check

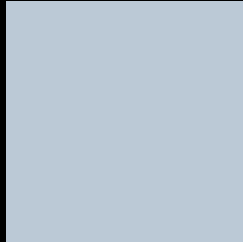
Large Text (above 18pt) WCAG AA × Fail

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 57.1931, 0.2932, 0.3133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

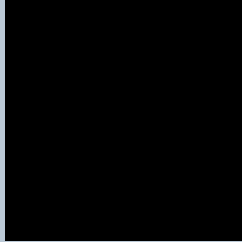
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

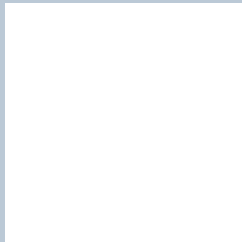
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.1931, 0.2932, 0.3133

Background



This preview shows how black text looks on a background with the Yxy color 57.1931, 0.2932, 0.3133.

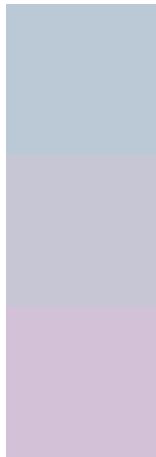


This preview shows how white text looks on a background with the Yxy color 57.1931, 0.2932, 0.3133.

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

57.1931, 0.2932, 0.3133

Protanopia

57.2837, 0.3035, 0.3125

Deuteranopia

56.9467, 0.3100, 0.3027



Tritanopia

57.3478, 0.2912, 0.3098

Trichromacy



Original Color

57.1931, 0.2932, 0.3133

Protanomaly

57.2530, 0.2997, 0.3123

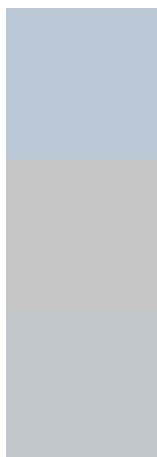
Deuteranomaly

56.9427, 0.3037, 0.3068

Tritanomaly

57.2960, 0.2918, 0.3109

Monochromacy



Original Color

57.1931, 0.2932, 0.3133

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.6758, 0.3053, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1931, 0.2932, 0.3133 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, 201, 214)` looks like.

```
.text, #text, p{  
    color:rgb(187, 201, 214)  
}
```

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, 201, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 201, 214) }
```

Border

The CSS property to change the border of an element to Yxy 57.1931, 0.2932, 0.3133 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, 201, 214) }
```

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

```
.border{ border-color:rgb(187, 201, 214) }
```

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

Here you see how a box with a 4 pixel rgb(187, 201, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 201, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 201, 214);  
box-shadow:4px 4px 4px 4px rgb(187, 201,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1931, 0.2932, 0.3133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 201, 214) }
```

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

```
.background{ background-color: rgb(187,  
201, 214) }
```

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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