

Converting Colors

Yxy(58.1834, 0.2897, 0.3173)

Have a look what the booklet for
Yxy(58.1834, 0.2897, 0.3173)
contains.

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Color

Yxy(57.9859, 0.2897, 0.3168)

Conversions

Conversions Part 1

Format	Color
Hex	B6CCD6
RGB	182, 204, 214
RGB Percent	71%, 80%, 84%
CMY	0.2862, 0.2000, 0.1607
CMYK	0.15, 0.05, 0.00, 0.16
HSL	199°, 28%, 78%
HSV	199°, 15%, 84%
XYZ	53.0256, 57.9859, 72.0248
YIQ	198.5620, -16.3220, -1.5540

Conversions

Conversions Part 2

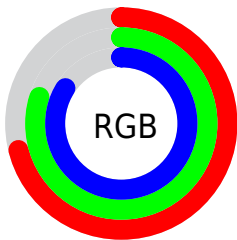
Format	Color
RYB	182, 195, 214
Decimal	11979990
CIELab	80.73, -5.33, -7.49
CIELCh	81, 9.191, 234.526
Yxy	57.9859, 0.2897, 0.3168
Android (android.graphics.Color)	4290170070 (0xFFB6CCD6)
YUV	198.5620, 7.6109, -14.5249
Hunter-Lab	76.1485, -8.9622, -2.7753

Details

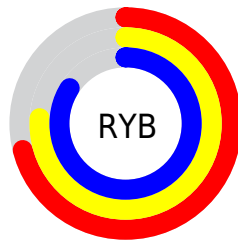
The Yxy color **57.9859, 0.2897, 0.3168** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.3891, 0.3387, 0.3409**, and the grayscale version is **56.7952, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9171, 0.3023, 0.3290**, and **28.9830, 0.2843, 0.3143** is the 20% darker color. If you saturate the color by 10%, you get **52.4624, 0.2744, 0.3076**, and if you desaturate by 10%, it is **64.0494, 0.3051, 0.3252**.

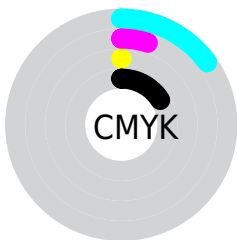
Distribution



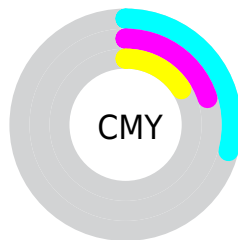
- Red (71%)
- Green (80%)
- Blue (84%)



- Red (71%)
- Yellow (76%)
- Blue (84%)



- Cyan (15%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)



- Cyan (29%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.9859, 0.2897, 0.3168 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 57.9859, 0.2897, 0.3168 by changing the saturation by 10% instead.

■ 57.9859, 0.2897,
0.3168

■ 57.9859, 0.2897,
0.3168

417.1334, 0.3007,
0.3228

■ 41.7973, 0.2871,
0.3154

■ 101.9023, 0.2936,
0.3189

■ 28.9426, 0.2838,
0.3135

130.3990, 0.2951,
0.3197

■ 19.0374, 0.2796,
0.3111

163.7671, 0.2964,
0.3204

■ 11.6973, 0.2739,
0.3079

202.3910, 0.2975,
0.3210

■ 6.5379, 0.2659,
0.3032

246.6552, 0.2984,
0.3215

■ 3.1748, 0.2537,
0.2959

296.9441, 0.2993,

■ 1.2237, 0.2333,

0.3220

0.2829

353.6420, 0.3000,
0.3224

0.0809, 0.0000,
0.1169

0.0000, 0.0000,
0.0000

57.9859, 0.2897,
0.3168

57.9859, 0.2897,
0.3168

52.4624, 0.2744,
0.3076

64.0494, 0.3051,
0.3252

47.4519, 0.2595,
0.2976

70.6643, 0.3204,
0.3327

42.9357, 0.2453,
0.2870

77.8503, 0.3353,
0.3394

38.8909, 0.2323,
0.2757

83.1514, 0.3407,
0.3459

■ 35.2925, 0.2208,
0.2640

■ 86.9686, 0.3396,
0.3524

■ 32.1124, 0.2110,
0.2521

■ 90.9307, 0.3386,
0.3589

■ 29.3181, 0.2032,
0.2401

■ 95.0395, 0.3376,
0.3652

■ 26.8707, 0.1975,
0.2283

■ 97.6358, 0.3369,
0.3691

■ 25.7334, 0.1951,
0.2224

Harmonies

Analogous

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



57.9859, 0.2923, 0.3268



57.9859, 0.2897, 0.3168



57.9859, 0.2931, 0.3103

Triad

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



57.9859, 0.2897, 0.3168



57.9859, 0.3251, 0.3205



57.9859, 0.3235, 0.3499

Complementary

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



57.9859, 0.2897, 0.3168



55.3891, 0.3387, 0.3409

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.



57.9859, 0.3326, 0.3477



57.9859, 0.2897, 0.3168



57.9859, 0.3335, 0.3306

Square

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



57.9859, 0.2897, 0.3168



57.9859, 0.3134, 0.3126



57.9859, 0.3363, 0.3406



57.9859, 0.3117, 0.3463

Rectangle

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



57.9859, 0.2897, 0.3168



57.9859, 0.2984, 0.3087



57.9859, 0.3363, 0.3406



57.9859, 0.3270, 0.3498

Sweetspot

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



57.9883, 0.2897, 0.3168



96.0966, 0.3065, 0.3259



61.8362, 0.3045, 0.3565



20.4147, 0.3054, 0.3253



0.0000, 0.0000, 0.0000



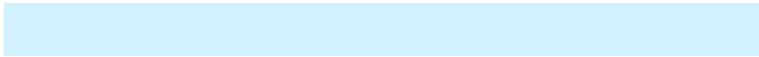
21.4041, 0.3127, 0.3290

Same Dimension

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



57.9883, 0.2897, 0.3168



83.4842, 0.2847, 0.3139



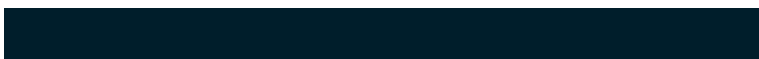
50.9470, 0.2890, 0.2974



13.4216, 0.2982, 0.3215



15.7453, 0.1956, 0.2241



1.0946, 0.2012, 0.2444

Inverse Universe

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



52.1202, 0.3224, 0.3035



73.2391, 0.3248, 0.2977



62.6005, 0.3361, 0.3587



12.5635, 0.3185, 0.3131



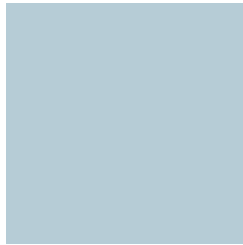
9.9344, 0.4188, 0.2081



0.6138, 0.3979, 0.1965

Previews

White Background



This preview shows how the Yxy color 57.9859, 0.2897, 0.3168 looks on a white background.

Color Contrast Check

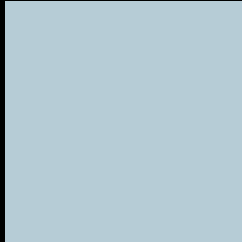
Large Text (above 18pt) WCAG AA × Fail

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 57.9859, 0.2897, 0.3168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

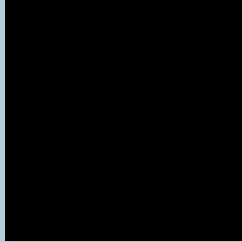
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

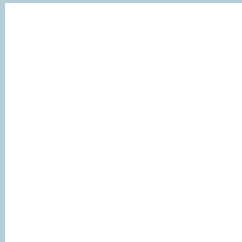
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.9859, 0.2897, 0.3168

Background



This preview shows how black text looks on a background with the Yxy color 57.9859, 0.2897, 0.3168.

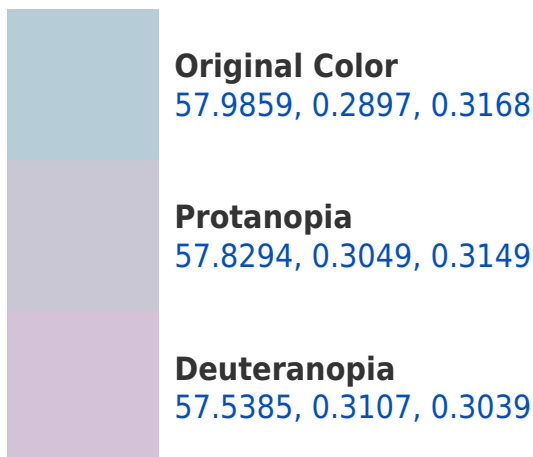


This preview shows how white text looks on a background with the Yxy color 57.9859, 0.2897, 0.3168.

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





Tritanopia

57.8936, 0.2871, 0.3097

Trichromacy



Original Color

57.9859, 0.2897, 0.3168

Protanomaly

57.8642, 0.2989, 0.3159

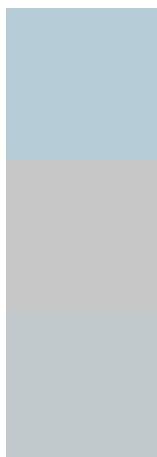
Deuteranomaly

57.7120, 0.3029, 0.3091

Tritanomaly

57.7889, 0.2884, 0.3121

Monochromacy



Original Color

57.9859, 0.2897, 0.3168

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.4704, 0.3045, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9859, 0.2897, 0.3168 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, 204, 214)` looks like.

```
.text, #text, p{  
    color:rgb(182, 204, 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(182, 204, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 204, 214) }
```

Border

The CSS property to change the border of an element to Yxy 57.9859, 0.2897, 0.3168 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, 204, 214) }
```

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

```
.border{ border-color:rgb(182, 204, 214) }
```

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

Here you see how a box with a 4 pixel rgb(182, 204, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 204, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 204, 214);  
box-shadow:4px 4px 4px 4px rgb(182, 204,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9859, 0.2897, 0.3168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 204, 214) }
```

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

```
.background{ background-color: rgb(182,  
204, 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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