

Converting Colors

Yxy(57.9276, 0.3050, 0.3186)

Have a look what the booklet for
Yxy(57.9276, 0.3050, 0.3186)
contains.

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Color

Yxy(57.9178, 0.3048, 0.3183)

Conversions

Conversions Part 1

Format	Color
Hex	C6C8D1
RGB	198, 200, 209
RGB Percent	78%, 78%, 82%
CMY	0.2233, 0.2157, 0.1804
CMYK	0.05, 0.04, 0.00, 0.18
HSL	229°, 11%, 80%
HSV	229°, 5%, 82%
XYZ	55.4613, 57.9178, 68.5806
YIQ	200.4280, -4.0810, 2.3750

Conversions

Conversions Part 2

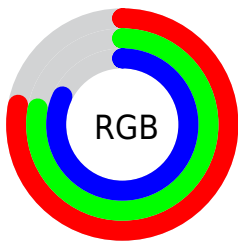
Format	Color
R _Y B	198, 200, 209
Decimal	13027537
CIE Lab	80.69, 1.04, -4.73
CIE LCh	81, 4.840, 282.381
Yxy	57.9178, 0.3048, 0.3183
Android (android.graphics.Color)	4291217617 (0xFFC6C8D1)
YUV	200.4280, 4.2260, -2.1294
Hunter-Lab	76.1037, -3.0979, -0.1564

Details

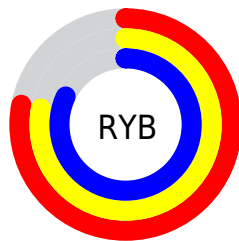
The Yxy color **57.9178, 0.3048, 0.3183** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.2925, 0.3206, 0.3395**, and the grayscale version is **58.0172, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **28.8536, 0.3021, 0.3148** is the 20% darker color. If you saturate the color by 10%, you get **47.7499, 0.2885, 0.2958**, and if you desaturate by 10%, it is **69.3785, 0.3195, 0.3381**.

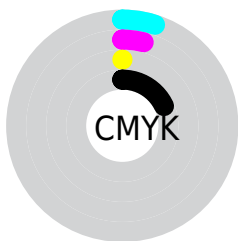
Distribution



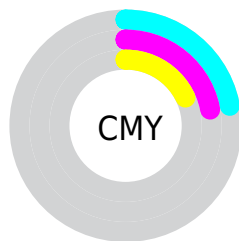
- Red (78%)
- Green (78%)
- Blue (82%)



- Red (78%)
- Yellow (78%)
- Blue (82%)



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)
- Black (18%)



- Cyan (22%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.9178, 0.3048, 0.3183 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 57.9178, 0.3048, 0.3183 by changing the saturation by 10% instead.

■ 57.9178, 0.3048,
0.3183

■ 57.9178, 0.3048,
0.3183

416.8796, 0.3086,
0.3235

■ 41.7426, 0.3039,
0.3171

101.8031, 0.3062,
0.3201

■ 28.8998, 0.3027,
0.3155

130.2821, 0.3067,
0.3208

■ 19.0050, 0.3012,
0.3135

163.6310, 0.3071,
0.3214

■ 11.6739, 0.2992,
0.3108

202.2343, 0.3075,
0.3219

■ 6.5220, 0.2963,
0.3070

246.4764, 0.3078,
0.3224

■ 3.1650, 0.2919,
0.3011

296.7418, 0.3081,

■ 1.2185, 0.2841,

0.3228

0.2910

353.4147, 0.3084,
0.3231

0.0767, 0.1668,
0.1303

0.0000, 0.0000,
0.0000

57.9178, 0.3048,
0.3183

57.9178, 0.3048,
0.3183

47.7499, 0.2885,
0.2958

69.3785, 0.3195,
0.3381

38.8221, 0.2707,
0.2707

82.1679, 0.3327,
0.3554

31.0885, 0.2518,
0.2430

95.2225, 0.3405,
0.3709

24.4978, 0.2322,
0.2134

97.3837, 0.3400,
0.3740

■ 18.9949, 0.2126,
0.1828

■ 14.5200, 0.1943,
0.1526

■ 11.0073, 0.1782,
0.1245

■ 8.3828, 0.1656,
0.1005

■ 6.5611, 0.1571,
0.0819

Harmonies

Analogous

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



57.9178, 0.3012, 0.3203



57.9178, 0.3048, 0.3183



57.9178, 0.3105, 0.3191

Triad

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



57.9178, 0.3048, 0.3183



57.9178, 0.3249, 0.3332



57.9178, 0.3085, 0.3356

Complementary

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



57.9178, 0.3048, 0.3183



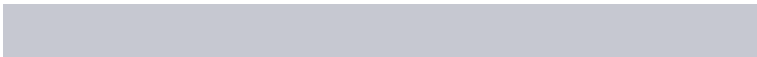
62.2925, 0.3206, 0.3395

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.



57.9178, 0.3148, 0.3391



57.9178, 0.3048, 0.3183



57.9178, 0.3243, 0.3377

Square

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



57.9178, 0.3048, 0.3183



57.9178, 0.3222, 0.3277



57.9178, 0.3206, 0.3399



57.9178, 0.3034, 0.3303

Rectangle

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



57.9178, 0.3048, 0.3183



57.9178, 0.3148, 0.3212



57.9178, 0.3206, 0.3399



57.9178, 0.3106, 0.3371

Sweetspot

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



57.9203, 0.3048, 0.3183



96.3973, 0.3097, 0.3250



62.1211, 0.3060, 0.3313



20.6708, 0.3099, 0.3252



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.



57.9203, 0.3048, 0.3183



89.4420, 0.3035, 0.3166



57.5038, 0.3075, 0.3161



12.3994, 0.3027, 0.3154



3.7578, 0.1547, 0.0770



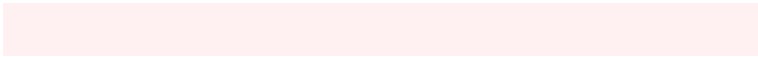
0.3156, 0.1635, 0.1086

Inverse Universe

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



58.1364, 0.3199, 0.3268



89.8392, 0.3212, 0.3264



62.7388, 0.3178, 0.3418



12.4602, 0.3219, 0.3262



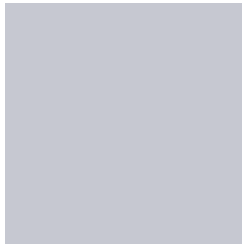
8.4506, 0.6119, 0.3144



0.4832, 0.5631, 0.2876

Previews

White Background



This preview shows how the Yxy color 57.9178, 0.3048, 0.3183 looks on a white background.

Color Contrast Check

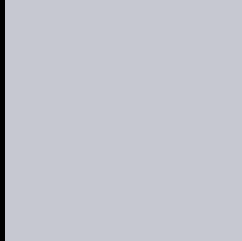
Large Text (above 18pt) WCAG AA × Fail

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 57.9178, 0.3048, 0.3183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

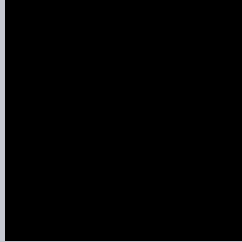
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

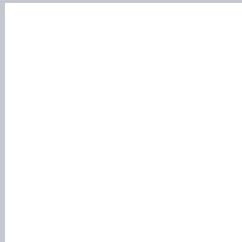
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.9178, 0.3048, 0.3183

Background



This preview shows how black text looks on a background with the Yxy color 57.9178, 0.3048, 0.3183.

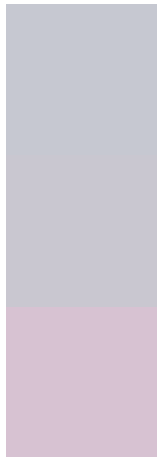


This preview shows how white text looks on a background with the Yxy color 57.9178, 0.3048, 0.3183.

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

57.9178, 0.3048, 0.3183

Protanopia

57.8184, 0.3078, 0.3184

Deuteranopia

57.6838, 0.3176, 0.3107



Tritanopia

57.8953, 0.3013, 0.3102

Trichromacy



Original Color

57.9178, 0.3048, 0.3183

Protanomaly

57.6803, 0.3070, 0.3184

Deuteranomaly

57.6883, 0.3127, 0.3128

Tritanomaly

57.7931, 0.3027, 0.3125

Monochromacy



Original Color

57.9178, 0.3048, 0.3183

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.7625, 0.3098, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9178, 0.3048, 0.3183 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(198, 200, 209)` looks like.

```
.text, #text, p{  
    color:rgb(198, 200, 209)  
}
```

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(198, 200, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 200, 209) }
```

Border

The CSS property to change the border of an element to Yxy 57.9178, 0.3048, 0.3183 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(198, 200, 209) }
```

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

```
.border{ border-color:rgb(198, 200, 209) }
```

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

Here you see how a box with a 4 pixel rgb(198, 200, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 200, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 200, 209);  
box-shadow:4px 4px 4px 4px rgb(198, 200,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9178, 0.3048, 0.3183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 200, 209) }
```

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

```
.background{ background-color: rgb(198,  
200, 209) }
```

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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