

Converting Colors

Yxy(58.0535, 0.3074, 0.3219)

Have a look what the booklet for
Yxy(58.0535, 0.3074, 0.3219)
contains.

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Color

Yxy(57.9069, 0.3076, 0.3219)

Conversions

Conversions Part 1

Format	Color
Hex	C7C8CE
RGB	199, 200, 206
RGB Percent	78%, 78%, 81%
CMY	0.2199, 0.2156, 0.1922
CMYK	0.03, 0.03, 0.00, 0.19
HSL	231°, 7%, 79%
HSV	231°, 3%, 81%
XYZ	55.3345, 57.9069, 66.6496
YIQ	200.3850, -2.5220, 1.6540

Conversions

Conversions Part 2

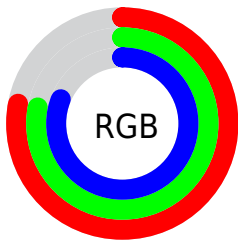
Format	Color
R _Y B	199, 200, 206
Decimal	13093070
CIE Lab	80.69, 0.74, -3.11
CIE LCh	81, 3.201, 283.458
Yxy	57.9069, 0.3076, 0.3219
Android (android.graphics.Color)	4291283150 (0xFFC7C8CE)
YUV	200.3850, 2.7682, -1.2146
Hunter-Lab	76.0966, -3.3708, 1.3381

Details

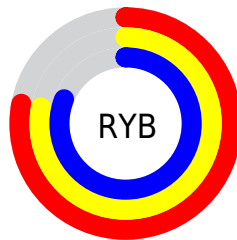
The Yxy color **57.9069, 0.3076, 0.3219** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.8594, 0.3178, 0.3360**, and the grayscale version is **57.9881, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **28.8445, 0.3060, 0.3195** is the 20% darker color. If you saturate the color by 10%, you get **47.6647, 0.2916, 0.2993**, and if you desaturate by 10%, it is **69.4549, 0.3220, 0.3417**.

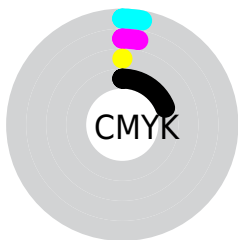
Distribution



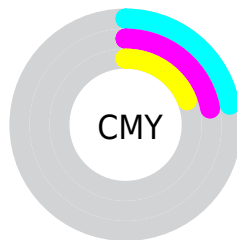
- Red (78%)
- Green (78%)
- Blue (81%)



- Red (78%)
- Yellow (78%)
- Blue (81%)



- Cyan (3%)
- Magenta (3%)
- Yellow (0%)
- Black (19%)



- Cyan (22%)
- Magenta (22%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.9069, 0.3076, 0.3219 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 57.9069, 0.3076, 0.3219 by changing the saturation by 10% instead.

■ 57.9069, 0.3076,
0.3219

■ 57.9069, 0.3076,
0.3219

416.8389, 0.3101,
0.3253

■ 41.7338, 0.3070,
0.3211

101.7873, 0.3085,
0.3231

■ 28.8929, 0.3063,
0.3201

130.2633, 0.3088,
0.3236

■ 18.9998, 0.3053,
0.3187

163.6092, 0.3091,
0.3240

■ 11.6702, 0.3040,
0.3169

202.2092, 0.3093,
0.3243

■ 6.5195, 0.3021,
0.3143

246.4478, 0.3096,
0.3246

■ 3.1635, 0.2992,
0.3104

296.7094, 0.3098,

■ 1.2177, 0.2942,

0.3249

0.3036

353.3783, 0.3099,
0.3251

0.0761, 0.1937,
0.1629

0.0000, 0.0000,
0.0000

57.9069, 0.3076,
0.3219

57.9069, 0.3076,
0.3219

47.6647, 0.2916,
0.2993

69.4549, 0.3220,
0.3417

38.6750, 0.2740,
0.2740

82.3448, 0.3348,
0.3590

30.8915, 0.2551,
0.2460

95.5170, 0.3422,
0.3745

24.2625, 0.2353,
0.2159

97.2360, 0.3418,
0.3770

■ 18.7323, 0.2154,
0.1847

■ 14.2406, 0.1966,
0.1537

■ 10.7211, 0.1799,
0.1250

■ 8.0998, 0.1665,
0.1002

■ 6.2910, 0.1574,
0.0812

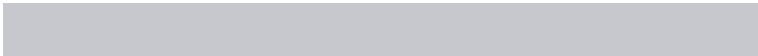
Harmonies

Analogous

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



57.9069, 0.3052, 0.3232



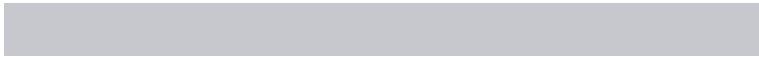
57.9069, 0.3076, 0.3219



57.9069, 0.3114, 0.3225

Triad

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



57.9069, 0.3076, 0.3219



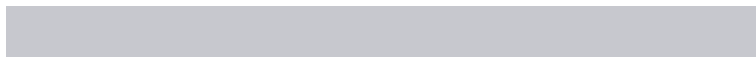
57.9069, 0.3208, 0.3319



57.9069, 0.3098, 0.3333

Complementary

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



57.9069, 0.3076, 0.3219



60.8594, 0.3178, 0.3360

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.



57.9069, 0.3140, 0.3356



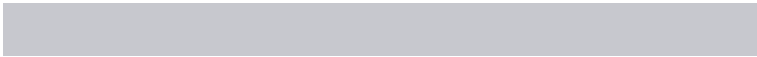
57.9069, 0.3076, 0.3219



57.9069, 0.3203, 0.3348

Square

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



57.9069, 0.3076, 0.3219



57.9069, 0.3191, 0.3283



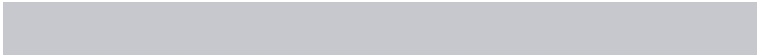
57.9069, 0.3178, 0.3362



57.9069, 0.3064, 0.3297

Rectangle

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



57.9069, 0.3076, 0.3219



57.9069, 0.3143, 0.3239



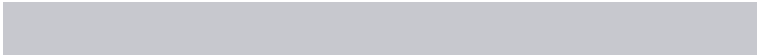
57.9069, 0.3178, 0.3362



57.9069, 0.3112, 0.3342

Sweetspot

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



57.9094, 0.3076, 0.3219



98.1514, 0.3112, 0.3269



60.6728, 0.3082, 0.3304



21.0279, 0.3113, 0.3270



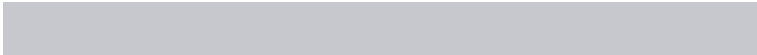
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



57.9094, 0.3076, 0.3219



92.7359, 0.3067, 0.3206



57.7307, 0.3095, 0.3207



12.1721, 0.3057, 0.3192



3.4643, 0.1539, 0.0738



0.2697, 0.1625, 0.1048

Inverse Universe

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



58.1096, 0.3175, 0.3277



93.1207, 0.3184, 0.3275



61.0479, 0.3159, 0.3373



12.2316, 0.3193, 0.3273



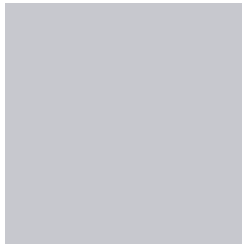
8.1527, 0.6170, 0.3172



0.4298, 0.5686, 0.2906

Previews

White Background



This preview shows how the Yxy color 57.9069, 0.3076, 0.3219 looks on a white background.

Color Contrast Check

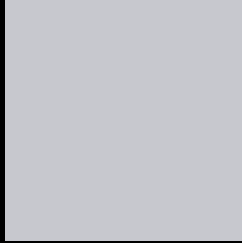
Large Text (above 18pt) WCAG AA × Fail

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 57.9069, 0.3076, 0.3219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

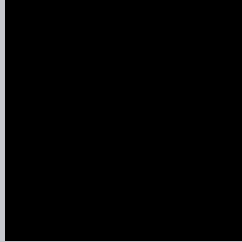
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

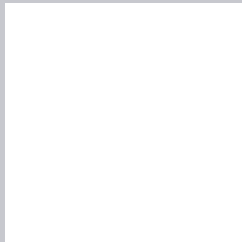
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.9069, 0.3076, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 57.9069, 0.3076, 0.3219.

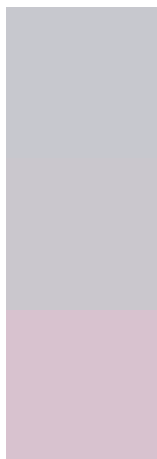


This preview shows how white text looks on a background with the Yxy color 57.9069, 0.3076, 0.3219.

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

57.9069, 0.3076, 0.3219

Protanopia

57.8112, 0.3107, 0.3219

Deuteranopia

57.6875, 0.3206, 0.3142



Tritanopia

57.9812, 0.3028, 0.3114

Trichromacy



Original Color

57.9069, 0.3076, 0.3219

Protanomaly

57.6721, 0.3099, 0.3219

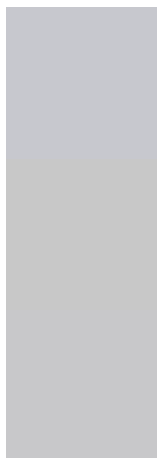
Deuteranomaly

57.6865, 0.3157, 0.3163

Tritanomaly

57.8294, 0.3049, 0.3149

Monochromacy



Original Color

57.9069, 0.3076, 0.3219

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.8522, 0.3113, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9069, 0.3076, 0.3219 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(199, 200, 206)` looks like.

```
.text, #text, p{  
    color:rgb(199, 200, 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(199, 200, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 200, 206) }
```

Border

The CSS property to change the border of an element to Yxy 57.9069, 0.3076, 0.3219 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(199, 200, 206) }
```

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

```
.border{ border-color:rgb(199, 200, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 200, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 200, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 200, 206);  
box-shadow:4px 4px 4px 4px rgb(199, 200,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9069, 0.3076, 0.3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 200, 206) }
```

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

```
.background{ background-color: rgb(199,  
200, 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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