

Converting Colors

Yxy(57.8635, 0.3073, 0.3191)

Have a look what the booklet for
Yxy(57.8635, 0.3073, 0.3191)
contains.

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Color

Yxy(57.6803, 0.3070, 0.3184)

Conversions

Conversions Part 1

Format	Color
Hex	C8C7D0
RGB	200, 199, 208
RGB Percent	78%, 78%, 82%
CMY	0.2159, 0.2195, 0.1844
CMYK	0.04, 0.04, 0.00, 0.18
HSL	246°, 9%, 80%
HSV	246°, 4%, 82%
XYZ	55.6151, 57.6803, 67.8613
YIQ	200.3250, -2.2930, 3.0110

Conversions

Conversions Part 2

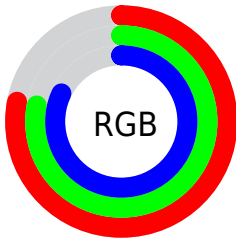
Format	Color
R _Y B	200, 199, 208
Decimal	13158352
CIE Lab	80.56, 1.99, -4.35
CIE LCh	81, 4.789, 294.607
Yxy	57.6803, 0.3070, 0.3184
Android (android.graphics.Color)	4291348432 (0xFFC8C7D0)
YUV	200.3250, 3.7838, -0.2850
Hunter-Lab	75.9475, -2.1957, 0.1860

Details

The Yxy color **57.6803, 0.3070, 0.3184** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.4984, 0.3183, 0.3394**, and the grayscale version is **57.9433, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **28.6949, 0.3051, 0.3148** is the 20% darker color. If you saturate the color by 10%, you get **46.3435, 0.2923, 0.2915**, and if you desaturate by 10%, it is **70.6432, 0.3197, 0.3421**.

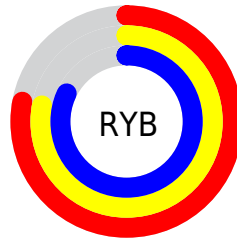
Distribution



Red (78%)

Green (78%)

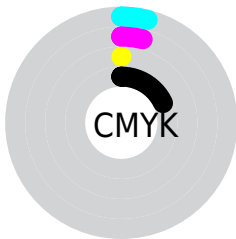
Blue (82%)



Red (78%)

Yellow (78%)

Blue (82%)

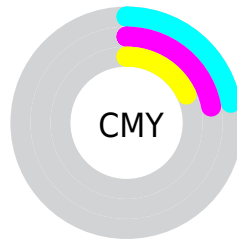


Cyan (4%)

Magenta (4%)

Yellow (0%)

Black (18%)



Cyan (22%)

Magenta (22%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.6803, 0.3070, 0.3184 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 57.6803, 0.3070, 0.3184 by changing the saturation by 10% instead.

■ 57.6803, 0.3070,
0.3184

■ 57.6803, 0.3070,
0.3184

415.9936, 0.3098,
0.3235

■ 41.5517, 0.3063,
0.3172

101.4572, 0.3080,
0.3202

■ 28.7504, 0.3055,
0.3157

129.8742, 0.3084,
0.3209

■ 18.8921, 0.3044,
0.3137

163.1561, 0.3087,
0.3215

■ 11.5923, 0.3029,
0.3110

201.6874, 0.3090,
0.3220

■ 6.4667, 0.3008,
0.3072

245.8524, 0.3092,
0.3224

■ 3.1309, 0.2975,
0.3014

296.0355, 0.3094,

■ 1.2005, 0.2918,

0.3228

0.2915

352.6211, 0.3096,
0.3232

0.0621, 0.1988,
0.1146

0.0000, 0.0000,
0.0000

57.6803, 0.3070,
0.3184

57.6803, 0.3070,
0.3184

46.3435, 0.2923,
0.2915

70.6432, 0.3197,
0.3421

36.5615, 0.2757,
0.2615

85.2852, 0.3307,
0.3629

28.2686, 0.2573,
0.2289

97.3330, 0.3406,
0.3751

21.3915, 0.2376,
0.1946

■ 15.8509, 0.2174,
0.1602

■ 11.5594, 0.1978,
0.1279

■ 8.4194, 0.1803,
0.1002

■ 6.3183, 0.1663,
0.0792

■ 5.1209, 0.1568,
0.0663

Harmonies

Analogous

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



57.6803, 0.3024, 0.3192



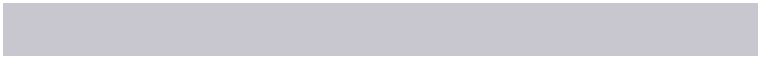
57.6803, 0.3070, 0.3184



57.6803, 0.3131, 0.3203

Triad

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



57.6803, 0.3070, 0.3184



57.6803, 0.3250, 0.3352



57.6803, 0.3062, 0.3335

Complementary

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



57.6803, 0.3070, 0.3184



62.4984, 0.3183, 0.3394

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.



57.6803, 0.3122, 0.3379



57.6803, 0.3070, 0.3184



57.6803, 0.3231, 0.3388

Square

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



57.6803, 0.3070, 0.3184



57.6803, 0.3236, 0.3299



57.6803, 0.3184, 0.3398



57.6803, 0.3020, 0.3279

Rectangle

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



57.6803, 0.3070, 0.3184



57.6803, 0.3173, 0.3230



57.6803, 0.3184, 0.3398



57.6803, 0.3081, 0.3352

Sweetspot

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



57.6828, 0.3070, 0.3184



97.9527, 0.3114, 0.3266



61.3637, 0.3061, 0.3279



20.9875, 0.3115, 0.3267



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.



57.6828, 0.3070, 0.3184



90.0289, 0.3060, 0.3165



58.3039, 0.3104, 0.3185



12.4464, 0.3051, 0.3150



2.9611, 0.1538, 0.0621



0.1859, 0.1648, 0.0682

Inverse Universe

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



58.7718, 0.3139, 0.3197



92.0486, 0.3141, 0.3180



61.8665, 0.3149, 0.3395



12.7609, 0.3142, 0.3167



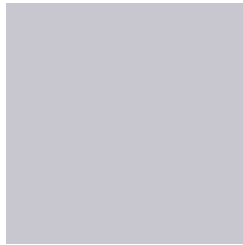
10.5894, 0.3486, 0.1694



0.5983, 0.3429, 0.1662

Previews

White Background



This preview shows how the Yxy color 57.6803, 0.3070, 0.3184 looks on a white background.

Color Contrast Check

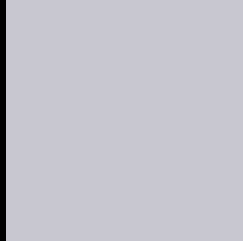
Large Text (above 18pt) WCAG AA × Fail

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 57.6803, 0.3070, 0.3184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

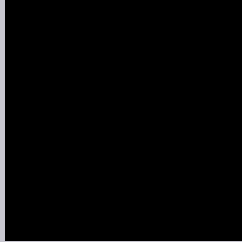
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

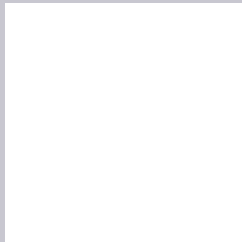
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.6803, 0.3070, 0.3184

Background



This preview shows how black text looks on a background with the Yxy color 57.6803, 0.3070, 0.3184.

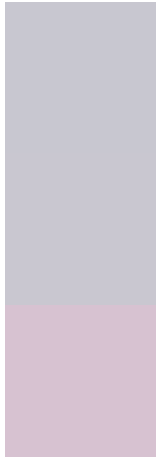


This preview shows how white text looks on a background with the Yxy color 57.6803, 0.3070, 0.3184.

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

57.6803, 0.3070, 0.3184

Protanopia

57.8184, 0.3078, 0.3184

Deuteranopia

57.6341, 0.3183, 0.3119



Tritanopia

57.6607, 0.3036, 0.3102

Trichromacy



Original Color

57.6803, 0.3070, 0.3184

Protanomaly

57.8184, 0.3078, 0.3184

Deuteranomaly

57.7849, 0.3142, 0.3140

Tritanomaly

57.5591, 0.3050, 0.3125

Monochromacy



Original Color

57.6803, 0.3070, 0.3184

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.8997, 0.3106, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6803, 0.3070, 0.3184 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(200, 199, 208)` looks like.

```
.text, #text, p{  
    color:rgb(200, 199, 208)  
}
```

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(200, 199, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 199, 208) }
```

Border

The CSS property to change the border of an element to Yxy 57.6803, 0.3070, 0.3184 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(200, 199, 208) }
```

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

```
.border{ border-color:rgb(200, 199, 208) }
```

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

Here you see how a box with a 4 pixel rgb(200, 199, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 199, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 199, 208);  
box-shadow:4px 4px 4px 4px rgb(200, 199,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6803, 0.3070, 0.3184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 199, 208) }
```

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

```
.background{ background-color: rgb(200,  
199, 208) }
```

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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