

Converting Colors

Yxy(57.4940, 0.3070, 0.3195)

Have a look what the booklet for
Yxy(57.4940, 0.3070, 0.3195)
contains.

Yxy(57.4940, 0.3070, 0.3195)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.4940, 0.3070, 0.3195)

Conversions

Conversions Part 1

Format	Color
Hex	C7C7CF
RGB	199, 199, 207
RGB Percent	78%, 78%, 81%
CMY	0.2195, 0.2196, 0.1883
CMYK	0.04, 0.04, 0.00, 0.19
HSL	240°, 8%, 80%
HSV	240°, 4%, 81%
XYZ	55.2446, 57.4940, 67.2113
YIQ	199.9120, -2.5680, 2.4880

Conversions

Conversions Part 2

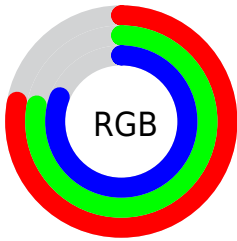
Format	Color
R_{YB}	199, 199, 207
Decimal	13092815
CIE Lab	80.46, 1.51, -3.99
CIE LCh	80, 4.263, 290.771
Yxy	57.4940, 0.3070, 0.3195
Android (android.graphics.Color)	4291282895 (0xFFC7C7CF)
YUV	199.9120, 3.4944, -0.7998
Hunter-Lab	75.8248, -2.6414, 0.5226

Details

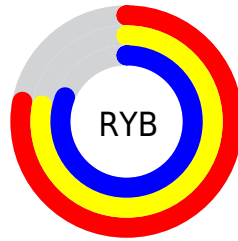
The Yxy color **57.4940, 0.3070, 0.3195** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.0040, 0.3183, 0.3383**, and the grayscale version is **57.6849, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **28.5704, 0.3050, 0.3163** is the 20% darker color. If you saturate the color by 10%, you get **45.9800, 0.2908, 0.2925**, and if you desaturate by 10%, it is **70.6900, 0.3212, 0.3431**.

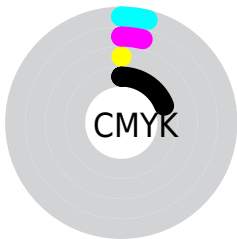
Distribution



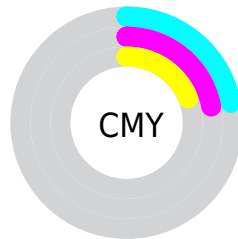
- Red (78%)
- Green (78%)
- Blue (81%)



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



- Cyan (4%)
- Magenta (4%)
- Yellow (0%)
- Black (19%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.4940, 0.3070, 0.3195 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 57.4940, 0.3070, 0.3195 by changing the saturation by 10% instead.

■ 57.4940, 0.3070,
0.3195

■ 57.4940, 0.3070,
0.3195

415.2978, 0.3098,
0.3241

■ 41.4020, 0.3063,
0.3184

101.1856, 0.3080,
0.3211

■ 28.6333, 0.3055,
0.3170

129.5541, 0.3084,
0.3217

■ 18.8036, 0.3044,
0.3153

162.7834, 0.3087,
0.3223

■ 11.5285, 0.3029,
0.3128

201.2581, 0.3090,
0.3227

■ 6.4235, 0.3008,
0.3094

245.3624, 0.3092,
0.3231

■ 3.1042, 0.2975,
0.3042

295.4809, 0.3094,

■ 1.1864, 0.2918,

0.3235

0.2951

351.9979, 0.3096,
0.3238

0.0506, 0.1811,
0.1077

0.0000, 0.0000,
0.0000

57.4940, 0.3070,
0.3195

57.4940, 0.3070,
0.3195

45.9800, 0.2908,
0.2925

70.6900, 0.3212,
0.3431

36.0734, 0.2725,
0.2622

85.6240, 0.3334,
0.3634

27.7050, 0.2524,
0.2289

97.2846, 0.3412,
0.3761

20.7977, 0.2312,
0.1937

■ 15.2678, 0.2098,
0.1584

■ 11.0230, 0.1898,
0.1253

■ 7.9598, 0.1727,
0.0972

■ 5.9587, 0.1601,
0.0764

■ 4.8753, 0.1527,
0.0643

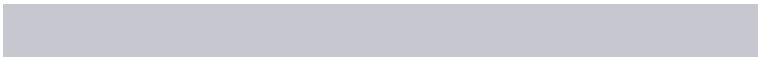
Harmonies

Analogous

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



57.4940, 0.3032, 0.3206



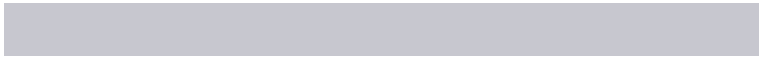
57.4940, 0.3070, 0.3195



57.4940, 0.3124, 0.3209

Triad

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



57.4940, 0.3070, 0.3195



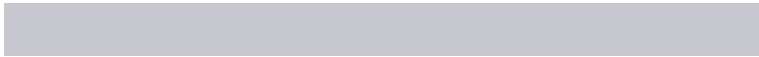
57.4940, 0.3236, 0.3340



57.4940, 0.3076, 0.3336

Complementary

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



57.4940, 0.3070, 0.3195



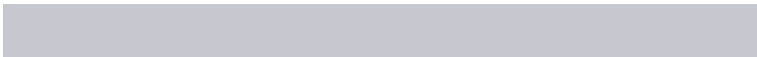
62.0040, 0.3183, 0.3383

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.



57.4940, 0.3130, 0.3373



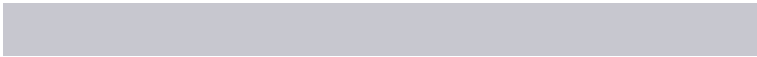
57.4940, 0.3070, 0.3195



57.4940, 0.3223, 0.3374

Square

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



57.4940, 0.3070, 0.3195



57.4940, 0.3220, 0.3292



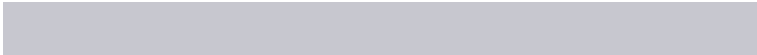
57.4940, 0.3184, 0.3387



57.4940, 0.3035, 0.3287

Rectangle

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



57.4940, 0.3070, 0.3195



57.4940, 0.3161, 0.3231



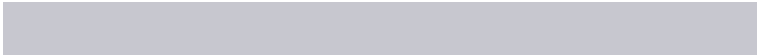
57.4940, 0.3184, 0.3387



57.4940, 0.3093, 0.3351

Sweetspot

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



57.4965, 0.3070, 0.3195



97.9056, 0.3112, 0.3266



61.2680, 0.3067, 0.3290



20.9779, 0.3113, 0.3267



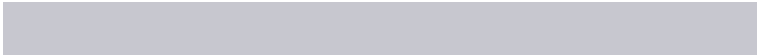
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



57.4965, 0.3070, 0.3195



89.8054, 0.3052, 0.3165



58.0454, 0.3101, 0.3196



12.4118, 0.3043, 0.3149



2.8435, 0.1502, 0.0601



0.1600, 0.1507, 0.0604

Inverse Universe

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



58.6121, 0.3132, 0.3197



92.1293, 0.3133, 0.3168



61.4408, 0.3153, 0.3384



12.7735, 0.3134, 0.3154



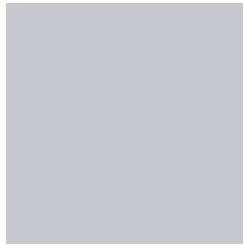
11.1664, 0.3221, 0.1548



0.6247, 0.3219, 0.1547

Previews

White Background



This preview shows how the Yxy color 57.4940, 0.3070, 0.3195 looks on a white background.

Color Contrast Check

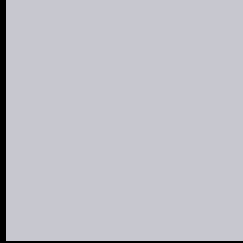
Large Text (above 18pt) WCAG AA × Fail

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 57.4940, 0.3070, 0.3195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

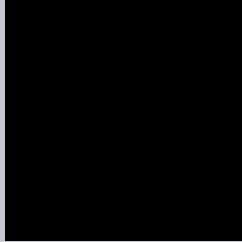
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

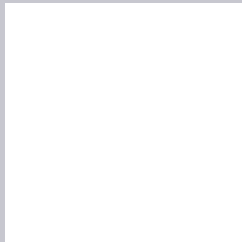
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.4940, 0.3070, 0.3195

Background



This preview shows how black text looks on a background with the Yxy color 57.4940, 0.3070, 0.3195.

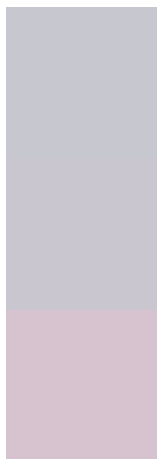


This preview shows how white text looks on a background with the Yxy color 57.4940, 0.3070, 0.3195.

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

57.4940, 0.3070, 0.3195

Protanopia

57.3107, 0.3085, 0.3184

Deuteranopia

57.5847, 0.3191, 0.3130



Tritanopia

57.5226, 0.3028, 0.3102

Trichromacy



Original Color

57.4940, 0.3070, 0.3195

Protanomaly

57.1725, 0.3078, 0.3183

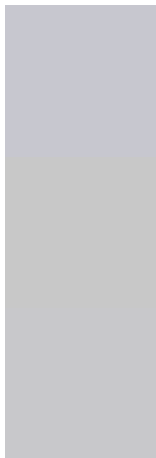
Deuteranomaly

57.5892, 0.3142, 0.3151

Tritanomaly

57.3707, 0.3049, 0.3137

Monochromacy



Original Color

57.4940, 0.3070, 0.3195

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 57.4940, 0.3070, 0.3195 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, 199, 207)` looks like.

```
.text, #text, p{  
    color:rgb(199, 199, 207)  
}
```

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, 199, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 199, 207) }
```

Border

The CSS property to change the border of an element to Yxy 57.4940, 0.3070, 0.3195 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, 199, 207) }
```

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

```
.border{ border-color:rgb(199, 199, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 199, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 199, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 199, 207); box-shadow:4px 4px 4px 4px rgb(199, 199, 207) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4940, 0.3070, 0.3195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 199, 207) }
```

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

```
.background{ background-color: rgb(199,  
199, 207) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor