

Converting Colors

Yxy(58.2358, 0.3072, 0.3199)

Have a look what the booklet for
Yxy(58.2358, 0.3072, 0.3199)
contains.

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Color

Yxy(58.1420, 0.3070, 0.3195)

Conversions

Conversions Part 1

Format	Color
Hex	C8C8D0
RGB	200, 200, 208
RGB Percent	78%, 78%, 82%
CMY	0.2156, 0.2157, 0.1842
CMYK	0.04, 0.04, 0.00, 0.18
HSL	240°, 8%, 80%
HSV	240°, 4%, 82%
XYZ	55.8673, 58.1420, 67.9688
YIQ	200.9120, -2.5680, 2.4880

Conversions

Conversions Part 2

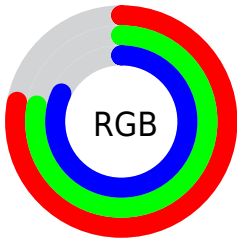
Format	Color
R _Y B	200, 200, 208
Decimal	13158608
CIE Lab	80.82, 1.52, -4.00
CIE LCh	81, 4.279, 290.771
Yxy	58.1420, 0.3070, 0.3195
Android (android.graphics.Color)	4291348688 (0xFFC8C8D0)
YUV	200.9120, 3.4944, -0.7998
Hunter-Lab	76.2509, -2.6563, 0.5255

Details

The Yxy color **58.1420, 0.3070, 0.3195** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.7028, 0.3183, 0.3383**, and the grayscale version is **58.3351, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.0019, 0.3051, 0.3164** is the 20% darker color. If you saturate the color by 10%, you get **46.4948, 0.2908, 0.2925**, and if you desaturate by 10%, it is **71.4912, 0.3212, 0.3431**.

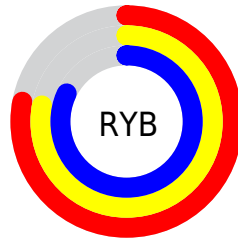
Distribution



Red (78%)

Green (78%)

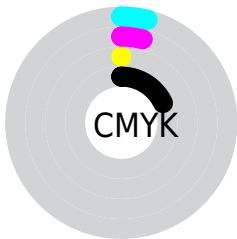
Blue (82%)



Red (78%)

Yellow (78%)

Blue (82%)

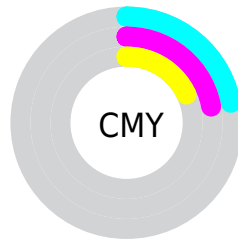


Cyan (4%)

Magenta (4%)

Yellow (0%)

Black (18%)



Cyan (22%)

Magenta (22%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.1420, 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 58.1420, 0.3070, 0.3195 by changing the saturation by 10% instead.

■ 58.1420, 0.3070,
0.3195

■ 58.1420, 0.3070,
0.3195

417.7148, 0.3098,
0.3241

■ 41.9228, 0.3063,
0.3184

102.1296, 0.3080,
0.3211

■ 29.0409, 0.3055,
0.3170

130.6668, 0.3084,
0.3217

■ 19.1117, 0.3044,
0.3153

164.0789, 0.3087,
0.3223

■ 11.7510, 0.3030,
0.3129

202.7501, 0.3090,
0.3227

■ 6.5744, 0.3009,
0.3095

247.0649, 0.3092,
0.3231

■ 3.1974, 0.2976,
0.3043

297.4077, 0.3094,

■ 1.2356, 0.2920,

0.3235

0.2954

354.1629, 0.3096,
0.3238

0.0905, 0.2079,
0.1529

0.0000, 0.0000,
0.0000

58.1420, 0.3070,
0.3195

58.1420, 0.3070,
0.3195

46.4948, 0.2908,
0.2925

71.4912, 0.3212,
0.3431

36.4741, 0.2725,
0.2622

86.5991, 0.3334,
0.3635

28.0100, 0.2524,
0.2289

97.3354, 0.3406,
0.3750

21.0242, 0.2312,
0.1937

■ 15.4321, 0.2098,
0.1583

■ 11.1402, 0.1897,
0.1252

■ 8.0439, 0.1727,
0.0971

■ 6.0220, 0.1601,
0.0764

■ 4.9283, 0.1527,
0.0643

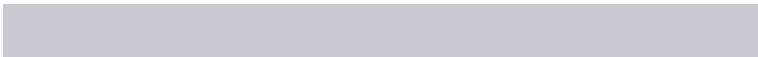
Harmonies

Analogous

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



58.1420, 0.3032, 0.3206



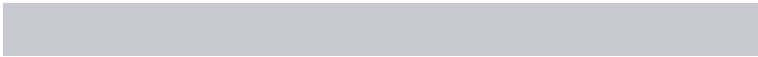
58.1420, 0.3070, 0.3195



58.1420, 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.



58.1420, 0.3070, 0.3195



58.1420, 0.3236, 0.3340



58.1420, 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.



58.1420, 0.3070, 0.3195



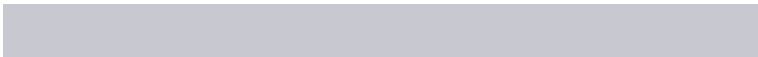
62.7028, 0.3183, 0.3383

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.



58.1420, 0.3130, 0.3373



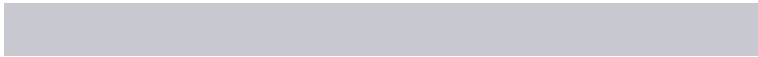
58.1420, 0.3070, 0.3195



58.1420, 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.



58.1420, 0.3070, 0.3195



58.1420, 0.3220, 0.3292



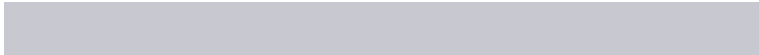
58.1420, 0.3184, 0.3387



58.1420, 0.3035, 0.3287

Rectangle

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



58.1420, 0.3070, 0.3195



58.1420, 0.3161, 0.3231



58.1420, 0.3184, 0.3387



58.1420, 0.3093, 0.3351

Sweetspot

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



58.1445, 0.3070, 0.3195



97.9056, 0.3112, 0.3266



61.9585, 0.3067, 0.3290



20.9779, 0.3113, 0.3267



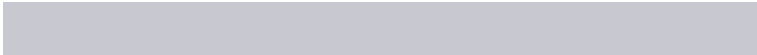
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



58.1445, 0.3070, 0.3195



89.8054, 0.3052, 0.3165



58.6996, 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.



59.2727, 0.3132, 0.3197



92.1293, 0.3133, 0.3168



62.1333, 0.3153, 0.3384



12.7735, 0.3134, 0.3154



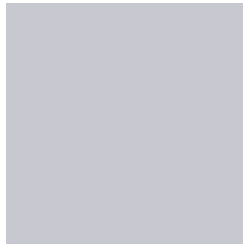
11.1664, 0.3221, 0.1548



0.6247, 0.3219, 0.1547

Previews

White Background



This preview shows how the Yxy color 58.1420, 0.3070, 0.3195 looks on a white background.

Color Contrast Check

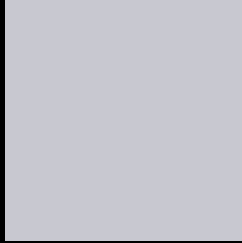
Large Text (above 18pt) WCAG AA × Fail

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 58.1420, 0.3070, 0.3195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

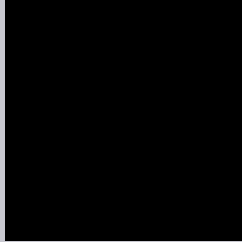
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

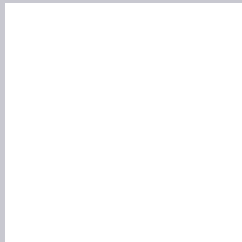
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.1420, 0.3070, 0.3195

Background



This preview shows how black text looks on a background with the Yxy color 58.1420, 0.3070, 0.3195.

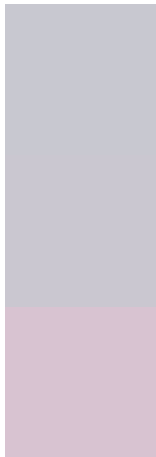


This preview shows how white text looks on a background with the Yxy color 58.1420, 0.3070, 0.3195.

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

58.1420, 0.3070, 0.3195

Protanopia

57.9575, 0.3086, 0.3184

Deuteranopia

58.2326, 0.3190, 0.3131



Tritanopia

58.1707, 0.3029, 0.3103

Trichromacy



Original Color

58.1420, 0.3070, 0.3195

Protanomaly

57.8184, 0.3078, 0.3184

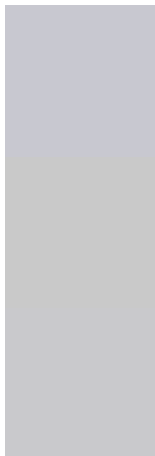
Deuteranomaly

58.2376, 0.3142, 0.3151

Tritanomaly

58.0178, 0.3050, 0.3137

Monochromacy



Original Color

58.1420, 0.3070, 0.3195

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.5504, 0.3106, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1420, 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(200, 200, 208)` looks like.

```
.text, #text, p{  
    color:rgb(200, 200, 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, 200, 208) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 58.1420, 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(200, 200, 208) }
```

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

```
.border{ border-color:rgb(200, 200, 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, 200, 208)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 58.1420, 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(200, 200, 208) }
```

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

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