

Converting Colors

$Yxy(58.9000, 0.3040, 0.3195)$

Have a look what the booklet for
Yxy(58.9000, 0.3040, 0.3195)
contains.

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Color

Yxy(58.9000, 0.3040, 0.3195)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | C6CAD2 |
| RGB | 198, 202, 210 |
| RGB Percent | 78%, 79%, 82% |
| CMY | 0.2236, 0.2078, 0.1763 |
| CMYK | 0.06, 0.04, 0.00, 0.18 |
| HSL | 220°, 12%, 80% |
| HSV | 220°, 6%, 82% |
| XYZ | 56.0426, 58.9000, 69.4080 |
| YIQ | 201.7160, -4.9520, 1.6400 |

Conversions

Conversions Part 2

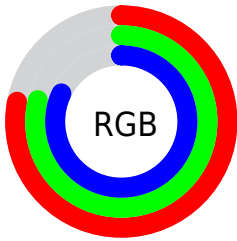
| Format | Color |
|-------------------------------------|------------------------------|
| R _{YB} | 198, 201, 210 |
| Decimal | 13028050 |
| CIE Lab | 81.24, 0.15, -4.48 |
| CIE LCh | 81, 4.479, 271.911 |
| Yxy | 58.9000, 0.3040, 0.3195 |
| Android (android.graphics.Color) | 4291218130 (0xFFC6CAD2) |
| YUV | 201.7160, 4.0840, -3.2589 |
| Hunter-Lab | 76.7463, -3.9598, 0.1016 |

Details

The Yxy color **58.9000, 0.3040, 0.3195** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.9329, 0.3215, 0.3383**, and the grayscale version is **58.8542, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.5094, 0.3012, 0.3164** is the 20% darker color. If you saturate the color by 10%, you get **49.9698, 0.2879, 0.3013**, and if you desaturate by 10%, it is **68.8269, 0.3189, 0.3356**.

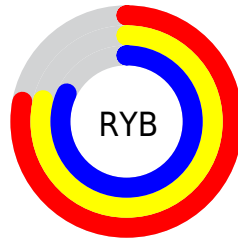
Distribution



Red (78%)

Green (79%)

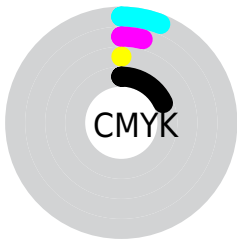
Blue (82%)



Red (78%)

Yellow (79%)

Blue (82%)

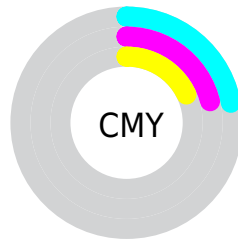


Cyan (6%)

Magenta (4%)

Yellow (0%)

Black (18%)



Cyan (22%)

Magenta (21%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.9000, 0.3040, 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 58.9000, 0.3040, 0.3195 by changing the saturation by 10% instead.

■ 58.9000, 0.3040,
0.3195

■ 58.9000, 0.3040,
0.3195

420.5312, 0.3082,
0.3241

■ 42.5326, 0.3030,
0.3184

103.2323, 0.3055,
0.3211

■ 29.5186, 0.3017,
0.3170

131.9660, 0.3061,
0.3217

■ 19.4735, 0.3001,
0.3153

165.5907, 0.3065,
0.3223

■ 12.0129, 0.2979,
0.3129

204.4906, 0.3070,
0.3227

■ 6.7525, 0.2948,
0.3095

249.0502, 0.3073,
0.3231

■ 3.3078, 0.2901,
0.3043

299.6539, 0.3076,

■ 1.2944, 0.2819,

0.3235

0.2954

356.6861, 0.3079,
0.3238

0.1369, 0.1826,
0.1868

0.0000, 0.0000,
0.0000

58.9000, 0.3040,
0.3195

58.9000, 0.3040,
0.3195

49.9698, 0.2879,
0.3013

68.8269, 0.3189,
0.3356

41.9967, 0.2709,
0.2810

79.7733, 0.3327,
0.3498

34.9496, 0.2532,
0.2587

90.6155, 0.3411,
0.3627

28.7926, 0.2352,
0.2347

97.4347, 0.3393,
0.3730

■ 23.4874, 0.2176,
0.2095

■ 18.9925, 0.2011,
0.1838

■ 15.2624, 0.1866,
0.1586

■ 12.2463, 0.1747,
0.1352

■ 9.8849, 0.1660,
0.1145

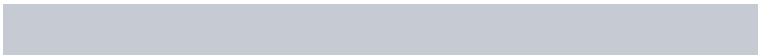
Harmonies

Analogous

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



58.9000, 0.3016, 0.3222



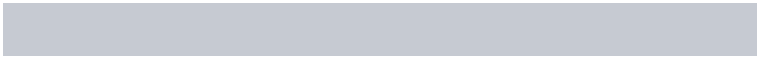
58.9000, 0.3040, 0.3195



58.9000, 0.3087, 0.3194

Triad

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



58.9000, 0.3040, 0.3195



58.9000, 0.3234, 0.3311



58.9000, 0.3108, 0.3365

Complementary

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



58.9000, 0.3040, 0.3195



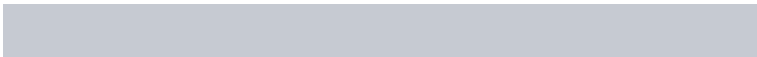
61.9329, 0.3215, 0.3383

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.



58.9000, 0.3167, 0.3389



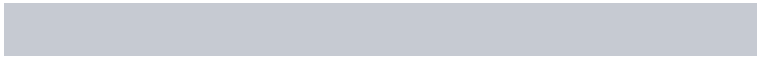
58.9000, 0.3040, 0.3195



58.9000, 0.3239, 0.3357

Square

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



58.9000, 0.3040, 0.3195



58.9000, 0.3199, 0.3260



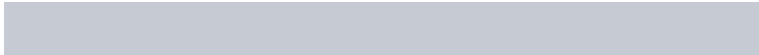
58.9000, 0.3215, 0.3386



58.9000, 0.3055, 0.3320

Rectangle

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



58.9000, 0.3040, 0.3195



58.9000, 0.3126, 0.3207



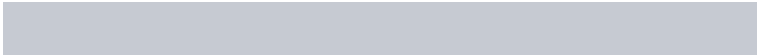
58.9000, 0.3215, 0.3386



58.9000, 0.3128, 0.3375

Sweetspot

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



58.9025, 0.3040, 0.3195



96.8960, 0.3097, 0.3257



62.5606, 0.3067, 0.3339



20.7723, 0.3098, 0.3259



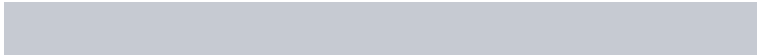
0.0000, 0.0000, 0.0000



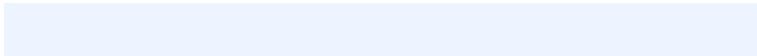
21.4041, 0.3127, 0.3290

Same Dimension

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



58.9025, 0.3040, 0.3195



89.4136, 0.3019, 0.3172



57.2887, 0.3055, 0.3148



12.4267, 0.3012, 0.3164



5.6797, 0.1637, 0.1091



0.4623, 0.1741, 0.1467

Inverse Universe

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



58.3537, 0.3193, 0.3243



88.3926, 0.3209, 0.3232



63.6284, 0.3198, 0.3430



12.2762, 0.3215, 0.3229



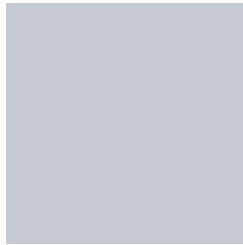
8.6446, 0.5623, 0.2871



0.4980, 0.5102, 0.2584

Previews

White Background



This preview shows how the Yxy color 58.9000, 0.3040, 0.3195 looks on a white background.

Color Contrast Check

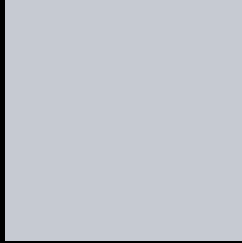
Large Text (above 18pt) WCAG AA × Fail

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 58.9000, 0.3040, 0.3195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

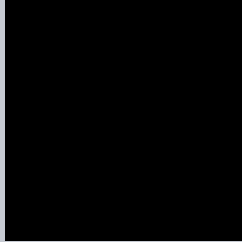
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

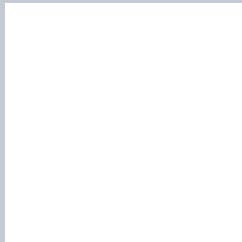
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.9000, 0.3040, 0.3195

Background



This preview shows how black text looks on a background with the Yxy color 58.9000, 0.3040, 0.3195.

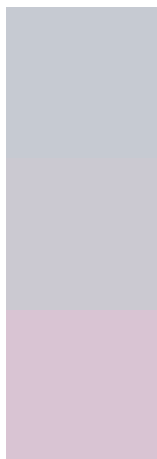


This preview shows how white text looks on a background with the Yxy color 58.9000, 0.3040, 0.3195.

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

58.9000, 0.3040, 0.3195

Protanopia

59.0732, 0.3085, 0.3196

Deuteranopia

58.9347, 0.3183, 0.3120



Tritanopia

58.9252, 0.3000, 0.3103

Trichromacy



Original Color

58.9000, 0.3040, 0.3195

Protanomaly

58.7942, 0.3070, 0.3196

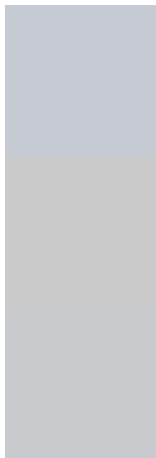
Deuteranomaly

58.7930, 0.3126, 0.3140

Tritanomaly

58.7704, 0.3020, 0.3137

Monochromacy



Original Color

58.9000, 0.3040, 0.3195

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.0663, 0.3098, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.9000, 0.3040, 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(198, 202, 210)` looks like.

```
.text, #text, p{  
    color:rgb(198, 202, 210)  
}
```

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, 202, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 202, 210) }
```

Border

The CSS property to change the border of an element to Yxy 58.9000, 0.3040, 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(198, 202, 210) }
```

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

```
.border{ border-color:rgb(198, 202, 210) }
```

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

Here you see how a box with a 4 pixel rgb(198, 202, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 202, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 202, 210);  
box-shadow:4px 4px 4px 4px rgb(198, 202,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 58.9000, 0.3040, 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(198, 202, 210) }
```

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

```
.background{ background-color: rgb(198,  
202, 210) }
```

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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