

Converting Colors

$Yxy(59.2909, 0.3048, 0.3210)$

Have a look what the booklet for
Yxy(59.2909, 0.3048, 0.3210)
contains.

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Color

Yxy(59.4574, 0.3055, 0.3219)

Conversions

Conversions Part 1

Format	Color
Hex	C7CBD1
RGB	199, 203, 209
RGB Percent	78%, 80%, 82%
CMY	0.2194, 0.2040, 0.1804
CMYK	0.05, 0.03, 0.00, 0.18
HSL	216°, 10%, 80%
HSV	216°, 5%, 82%
XYZ	56.4282, 59.4574, 68.8221
YIQ	202.4880, -4.3100, 1.0180

Conversions

Conversions Part 2

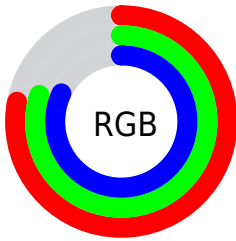
Format	Color
R _Y B	199, 202, 209
Decimal	13093841
CIE Lab	81.54, -0.21, -3.46
CIE LCh	82, 3.470, 266.545
Yxy	59.4574, 0.3055, 0.3219
Android (android.graphics.Color)	4291283921 (0xFFC7CBD1)
YUV	202.4880, 3.2104, -3.0590
Hunter-Lab	77.1086, -4.3136, 1.0577

Details

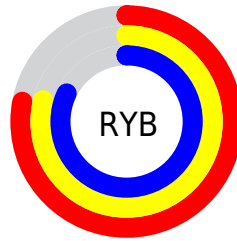
The Yxy color **59.4574, 0.3055, 0.3219** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.3752, 0.3200, 0.3360**, and the grayscale version is **59.3709, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.8812, 0.3031, 0.3196** is the 20% darker color. If you saturate the color by 10%, you get **51.0686, 0.2896, 0.3056**, and if you desaturate by 10%, it is **68.7301, 0.3204, 0.3364**.

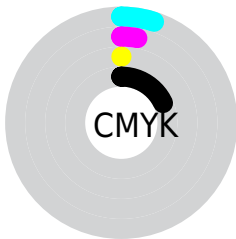
Distribution



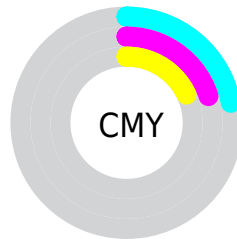
- Red (78%)
- Green (80%)
- Blue (82%)



- Red (78%)
- Yellow (79%)
- Blue (82%)



- Cyan (5%)
- Magenta (3%)
- Yellow (0%)
- Black (18%)



- Cyan (22%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.4574, 0.3055, 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 59.4574, 0.3055, 0.3219 by changing the saturation by 10% instead.

■ 59.4574, 0.3055,
0.3219

■ 59.4574, 0.3055,
0.3219

422.5949, 0.3090,
0.3253

■ 42.9814, 0.3047,
0.3211

104.0422, 0.3067,
0.3231

■ 29.8705, 0.3036,
0.3201

132.9197, 0.3072,
0.3236

■ 19.7404, 0.3023,
0.3187

166.7000, 0.3076,
0.3240

■ 12.2064, 0.3005,
0.3170

205.7673, 0.3079,
0.3243

■ 6.8844, 0.2979,
0.3144

250.5060, 0.3082,
0.3246

■ 3.3899, 0.2940,
0.3106

301.3006, 0.3085,

■ 1.3385, 0.2873,

0.3249

0.3039

358.5354, 0.3088,
0.3251

0.1707, 0.2079,
0.2259

0.0000, 0.0000,
0.0000

59.4574, 0.3055,
0.3219

59.4574, 0.3055,
0.3219

51.0686, 0.2896,
0.3056

68.7301, 0.3204,
0.3364

43.5287, 0.2730,
0.2875

78.9052, 0.3343,
0.3491

36.8112, 0.2558,
0.2676

88.7064, 0.3423,
0.3608

30.8854, 0.2385,
0.2460

96.4415, 0.3402,
0.3727

■ 25.7186, 0.2217,
0.2233

■ 97.3834, 0.3400,
0.3741

■ 21.2750, 0.2059,
0.1998

■ 17.5159, 0.1919,
0.1765

■ 14.3974, 0.1802,
0.1541

■ 11.8689, 0.1714,
0.1335

Harmonies

Analogous

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



59.4574, 0.3040, 0.3243



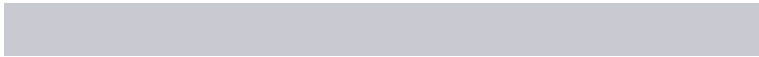
59.4574, 0.3055, 0.3219



59.4574, 0.3089, 0.3214

Triad

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



59.4574, 0.3055, 0.3219



59.4574, 0.3206, 0.3300



59.4574, 0.3121, 0.3352

Complementary

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



59.4574, 0.3055, 0.3219



61.3752, 0.3200, 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.



59.4574, 0.3165, 0.3367



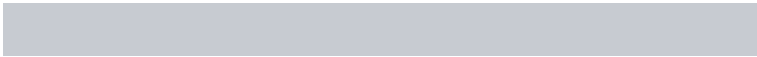
59.4574, 0.3055, 0.3219



59.4574, 0.3215, 0.3337

Square

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



59.4574, 0.3055, 0.3219



59.4574, 0.3176, 0.3260



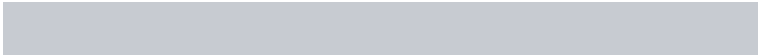
59.4574, 0.3200, 0.3362



59.4574, 0.3078, 0.3320

Rectangle

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



59.4574, 0.3055, 0.3219



59.4574, 0.3118, 0.3222



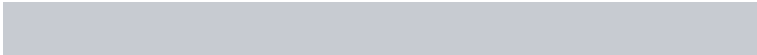
59.4574, 0.3200, 0.3362



59.4574, 0.3136, 0.3360

Sweetspot

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



59.4599, 0.3055, 0.3219



98.5401, 0.3112, 0.3275



62.1588, 0.3081, 0.3337



21.1071, 0.3113, 0.3276



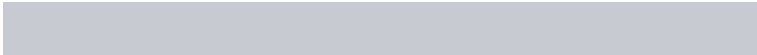
0.0000, 0.0000, 0.0000



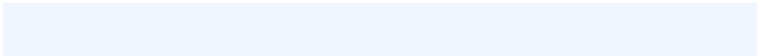
21.4041, 0.3127, 0.3290

Same Dimension

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



59.4599, 0.3055, 0.3219



91.4538, 0.3035, 0.3199



57.7624, 0.3064, 0.3173



12.7035, 0.3027, 0.3191



6.8025, 0.1684, 0.1262



0.5334, 0.1787, 0.1632

Inverse Universe

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



58.7391, 0.3176, 0.3244



90.0423, 0.3191, 0.3232



63.1369, 0.3189, 0.3405



12.4909, 0.3197, 0.3226



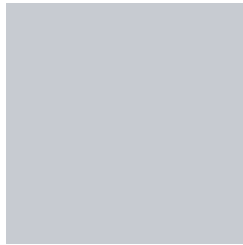
8.7580, 0.5379, 0.2737



0.5051, 0.4891, 0.2468

Previews

White Background



This preview shows how the Yxy color 59.4574, 0.3055, 0.3219 looks on a white background.

Color Contrast Check

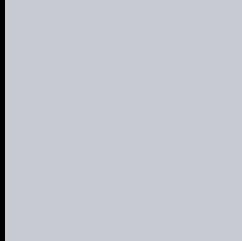
Large Text (above 18pt) WCAG AA × Fail

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 59.4574, 0.3055, 0.3219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

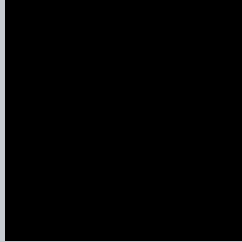
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

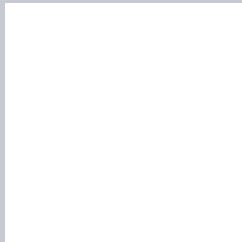
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.4574, 0.3055, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 59.4574, 0.3055, 0.3219.

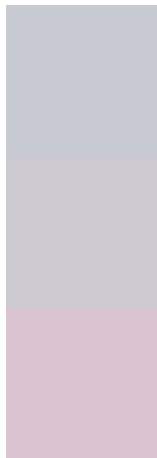


This preview shows how white text looks on a background with the Yxy color 59.4574, 0.3055, 0.3219.

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

59.4574, 0.3055, 0.3219

Protanopia

59.1647, 0.3100, 0.3208

Deuteranopia

59.1931, 0.3206, 0.3132



Tritanopia

59.5824, 0.3000, 0.3104

Trichromacy



Original Color

59.4574, 0.3055, 0.3219

Protanomaly

59.3517, 0.3085, 0.3220

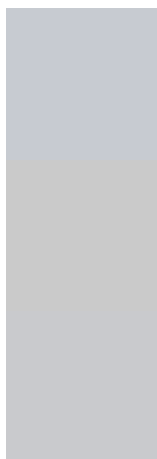
Deuteranomaly

59.4970, 0.3149, 0.3164

Tritanomaly

59.4267, 0.3021, 0.3138

Monochromacy



Original Color

59.4574, 0.3055, 0.3219

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 59.4574, 0.3055, 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, 203, 209)` looks like.

```
.text, #text, p{  
    color:rgb(199, 203, 209)  
}
```

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, 203, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 203, 209) }
```

Border

The CSS property to change the border of an element to Yxy 59.4574, 0.3055, 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, 203, 209) }
```

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

```
.border{ border-color:rgb(199, 203, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 203, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 203, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 203, 209);  
box-shadow:4px 4px 4px 4px rgb(199, 203,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4574, 0.3055, 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, 203, 209) }
```

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

```
.background{ background-color: rgb(199,  
203, 209) }
```

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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