

Converting Colors

$Yxy(59.2059, 0.3070, 0.3223)$

Have a look what the booklet for
Yxy(59.2059, 0.3070, 0.3223)
contains.

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Color

Yxy(59.0745, 0.3069, 0.3219)

Conversions

Conversions Part 1

Format	Color
Hex	C8CAD0
RGB	200, 202, 208
RGB Percent	78%, 79%, 82%
CMY	0.2158, 0.2078, 0.1842
CMYK	0.04, 0.03, 0.00, 0.18
HSL	225°, 8%, 80%
HSV	225°, 4%, 82%
XYZ	56.3217, 59.0745, 68.1219
YIQ	202.0860, -3.1180, 1.4420

Conversions

Conversions Part 2

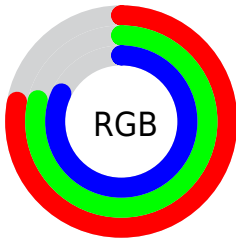
Format	Color
R _{YB}	200, 202, 208
Decimal	13159120
CIE Lab	81.33, 0.43, -3.24
CIE LCh	81, 3.270, 277.572
Yxy	59.0745, 0.3069, 0.3219
Android (android.graphics.Color)	4291349200 (0xFFC8CAD0)
YUV	202.0860, 2.9156, -1.8294
Hunter-Lab	76.8599, -3.7030, 1.2525

Details

The Yxy color **59.0745, 0.3069, 0.3219** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.7177, 0.3185, 0.3360**, and the grayscale version is **59.1019, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.6239, 0.3050, 0.3196** is the 20% darker color. If you saturate the color by 10%, you get **49.4766, 0.2909, 0.3019**, and if you desaturate by 10%, it is **69.8013, 0.3215, 0.3395**.

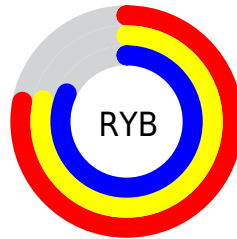
Distribution



Red (78%)

Green (79%)

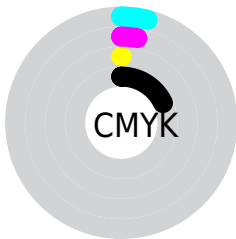
Blue (82%)



Red (78%)

Yellow (79%)

Blue (82%)

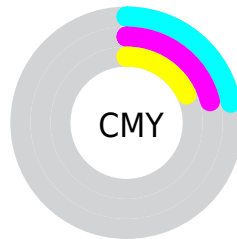


Cyan (4%)

Magenta (3%)

Yellow (0%)

Black (18%)



Cyan (22%)

Magenta (21%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.0745, 0.3069, 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 59.0745, 0.3069, 0.3219 by changing the saturation by 10% instead.

■ 59.0745, 0.3069,
0.3219

■ 59.0745, 0.3069,
0.3219

421.1779, 0.3097,
0.3253

■ 42.6731, 0.3062,
0.3211

103.4859, 0.3079,
0.3231

■ 29.6287, 0.3054,
0.3201

132.2648, 0.3083,
0.3236

■ 19.5569, 0.3043,
0.3187

165.9382, 0.3086,
0.3240

■ 12.0734, 0.3028,
0.3170

204.8906, 0.3089,
0.3243

■ 6.7937, 0.3008,
0.3144

249.5063, 0.3091,
0.3246

■ 3.3334, 0.2976,
0.3106

300.1699, 0.3093,

■ 1.3082, 0.2921,

0.3249

0.3039

357.2656, 0.3095,
0.3251

0.1475, 0.2199,
0.2152

0.0000, 0.0000,
0.0000

59.0745, 0.3069,
0.3219

59.0745, 0.3069,
0.3219

49.4766, 0.2909,
0.3019

69.8013, 0.3215,
0.3395

40.9628, 0.2737,
0.2795

81.6850, 0.3347,
0.3550

33.4964, 0.2555,
0.2548

93.3350, 0.3416,
0.3691

27.0355, 0.2367,
0.2281

97.3352, 0.3406,
0.3750

■ 21.5355, 0.2180,
0.2001

■ 16.9482, 0.2002,
0.1719

■ 13.2209, 0.1844,
0.1446

■ 10.2947, 0.1715,
0.1198

■ 8.1023, 0.1621,
0.0989

Harmonies

Analogous

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



59.0745, 0.3048, 0.3235



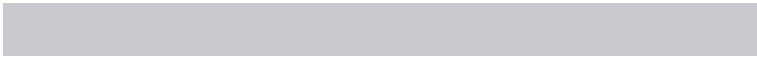
59.0745, 0.3069, 0.3219



59.0745, 0.3106, 0.3221

Triad

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



59.0745, 0.3069, 0.3219



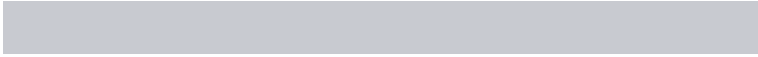
59.0745, 0.3207, 0.3313



59.0745, 0.3106, 0.3339

Complementary

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



59.0745, 0.3069, 0.3219



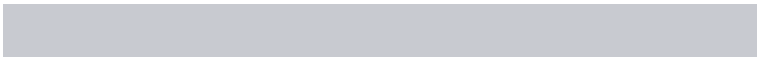
61.7177, 0.3185, 0.3360

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.



59.0745, 0.3148, 0.3360



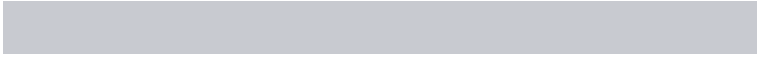
59.0745, 0.3069, 0.3219



59.0745, 0.3207, 0.3344

Square

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



59.0745, 0.3069, 0.3219



59.0745, 0.3186, 0.3275



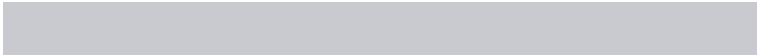
59.0745, 0.3186, 0.3362



59.0745, 0.3069, 0.3305

Rectangle

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



59.0745, 0.3069, 0.3219



59.0745, 0.3134, 0.3233



59.0745, 0.3186, 0.3362



59.0745, 0.3120, 0.3348

Sweetspot

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



59.0770, 0.3069, 0.3219



98.3103, 0.3112, 0.3272



61.8486, 0.3082, 0.3315



21.0603, 0.3113, 0.3273



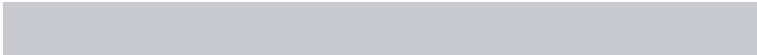
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



59.0770, 0.3069, 0.3219



91.7350, 0.3051, 0.3197



58.3876, 0.3084, 0.3195



12.7111, 0.3042, 0.3185



4.5363, 0.1585, 0.0905



0.3828, 0.1686, 0.1268

Inverse Universe

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



58.9744, 0.3175, 0.3266



91.5349, 0.3191, 0.3259



62.4339, 0.3169, 0.3384



12.6808, 0.3199, 0.3255



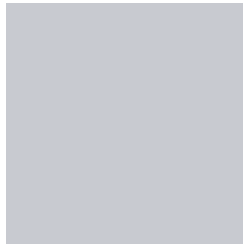
8.5292, 0.5904, 0.3026



0.4899, 0.5370, 0.2732

Previews

White Background



This preview shows how the Yxy color 59.0745, 0.3069, 0.3219 looks on a white background.

Color Contrast Check

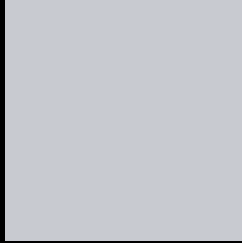
Large Text (above 18pt) WCAG AA × Fail

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 59.0745, 0.3069, 0.3219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

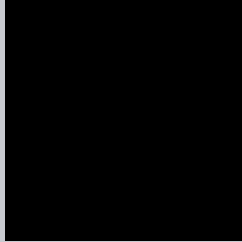
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

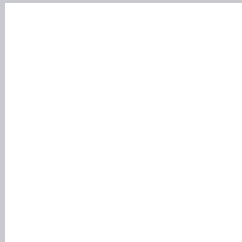
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.0745, 0.3069, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 59.0745, 0.3069, 0.3219.

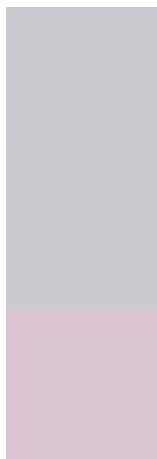


This preview shows how white text looks on a background with the Yxy color 59.0745, 0.3069, 0.3219.

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

59.0745, 0.3069, 0.3219

Protanopia

59.1157, 0.3107, 0.3220

Deuteranopia

58.9887, 0.3205, 0.3143



Tritanopia

59.2005, 0.3014, 0.3104

Trichromacy



Original Color

59.0745, 0.3069, 0.3219

Protanomaly

58.9748, 0.3100, 0.3220

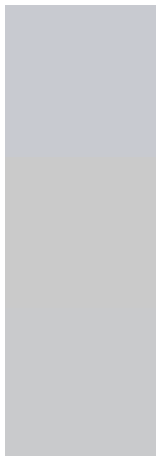
Deuteranomaly

58.8405, 0.3149, 0.3163

Tritanomaly

59.0458, 0.3035, 0.3138

Monochromacy



Original Color

59.0745, 0.3069, 0.3219

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.0182, 0.3105, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0745, 0.3069, 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(200, 202, 208)` looks like.

```
.text, #text, p{  
    color:rgb(200, 202, 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, 202, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 202, 208) }
```

Border

The CSS property to change the border of an element to Yxy 59.0745, 0.3069, 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(200, 202, 208) }
```

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

```
.border{ border-color:rgb(200, 202, 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, 202, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 202, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 202, 208);  
box-shadow:4px 4px 4px 4px rgb(200, 202,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0745, 0.3069, 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(200, 202, 208) }
```

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

```
.background{ background-color: rgb(200,  
202, 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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