

Converting Colors

Yxy(59.6269, 0.3069, 0.3208)

Have a look what the booklet for
Yxy(59.6269, 0.3069, 0.3208)
contains.

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Color

Yxy(59.7825, 0.3063, 0.3208)

Conversions

Conversions Part 1

Format	Color
Hex	C9CBD2
RGB	201, 203, 210
RGB Percent	79%, 80%, 82%
CMY	0.2116, 0.2039, 0.1765
CMYK	0.04, 0.03, 0.00, 0.18
HSL	227°, 9%, 81%
HSV	227°, 4%, 82%
XYZ	57.0804, 59.7825, 69.4916
YIQ	203.2000, -3.4390, 1.7530

Conversions

Conversions Part 2

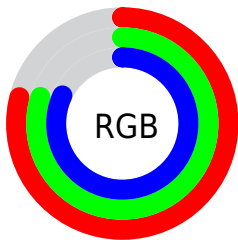
Format	Color
R _Y B	201, 203, 210
Decimal	13224914
CIE Lab	81.72, 0.64, -3.71
CIE LCh	82, 3.767, 279.762
Yxy	59.7825, 0.3063, 0.3208
Android (android.graphics.Color)	4291414994 (0xFFC9CBD2)
YUV	203.2000, 3.3524, -1.9294
Hunter-Lab	77.3191, -3.5320, 0.8358

Details

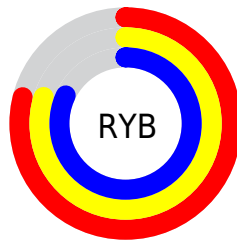
The Yxy color **59.7825, 0.3063, 0.3208** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.0377, 0.3191, 0.3371**, and the grayscale version is **59.8367, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.0982, 0.3042, 0.3181** is the 20% darker color. If you saturate the color by 10%, you get **49.7358, 0.2902, 0.2998**, and if you desaturate by 10%, it is **71.0502, 0.3209, 0.3393**.

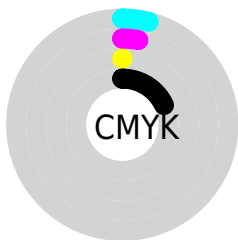
Distribution



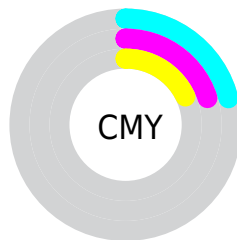
- Red (79%)
- Green (80%)
- Blue (82%)



- Red (79%)
- Yellow (80%)
- Blue (82%)



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)
- Black (18%)



- Cyan (21%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.7825, 0.3063, 0.3208 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 59.7825, 0.3063, 0.3208 by changing the saturation by 10% instead.

■ 59.7825, 0.3063,
0.3208

■ 59.7825, 0.3063,
0.3208

423.7956, 0.3094,
0.3247

■ 43.2433, 0.3056,
0.3199

104.5141, 0.3074,
0.3222

■ 30.0761, 0.3046,
0.3187

133.4753, 0.3078,
0.3227

■ 19.8964, 0.3035,
0.3172

167.3460, 0.3082,
0.3232

■ 12.3197, 0.3019,
0.3151

206.5106, 0.3085,
0.3236

■ 6.9618, 0.2996,
0.3123

251.3535, 0.3087,
0.3239

■ 3.4382, 0.2961,
0.3079

302.2590, 0.3090,

■ 1.3646, 0.2902,

0.3242

0.3004

359.6116, 0.3092,
0.3245

0.1904, 0.2302,
0.2230

0.0000, 0.0000,
0.0000

59.7825, 0.3063,
0.3208

59.7825, 0.3063,
0.3208

49.7358, 0.2902,
0.2998

71.0502, 0.3209,
0.3393

40.8610, 0.2728,
0.2762

83.5705, 0.3341,
0.3555

33.1171, 0.2542,
0.2502

95.6311, 0.3398,
0.3704

26.4575, 0.2351,
0.2223

97.4323, 0.3394,
0.3731

■ 20.8325, 0.2160,
0.1931

■ 16.1883, 0.1979,
0.1639

■ 12.4659, 0.1819,
0.1361

■ 9.5994, 0.1690,
0.1113

■ 7.5132, 0.1599,
0.0912

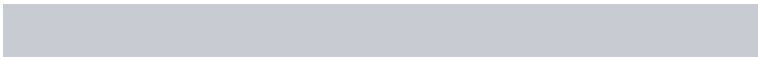
Harmonies

Analogous

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



59.7825, 0.3037, 0.3225



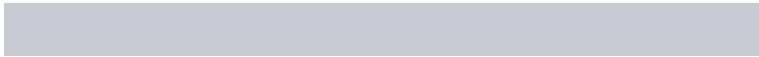
59.7825, 0.3063, 0.3208



59.7825, 0.3106, 0.3213

Triad

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



59.7825, 0.3063, 0.3208



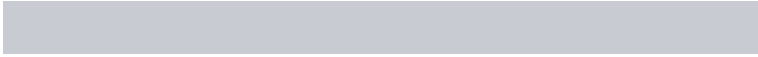
59.7825, 0.3220, 0.3319



59.7825, 0.3099, 0.3344

Complementary

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



59.7825, 0.3063, 0.3208



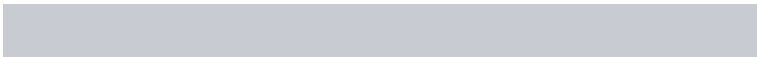
63.0377, 0.3191, 0.3371

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.



59.7825, 0.3148, 0.3369



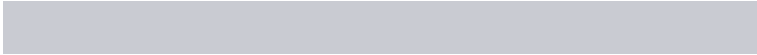
59.7825, 0.3063, 0.3208



59.7825, 0.3218, 0.3355

Square

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



59.7825, 0.3063, 0.3208



59.7825, 0.3197, 0.3276



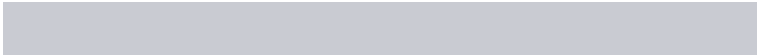
59.7825, 0.3192, 0.3373



59.7825, 0.3058, 0.3304

Rectangle

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



59.7825, 0.3063, 0.3208



59.7825, 0.3139, 0.3227



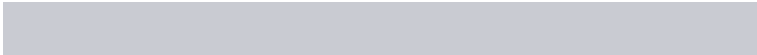
59.7825, 0.3192, 0.3373



59.7825, 0.3115, 0.3355

Sweetspot

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



59.7850, 0.3063, 0.3208



98.2565, 0.3112, 0.3271



63.0556, 0.3075, 0.3314



21.0493, 0.3113, 0.3272



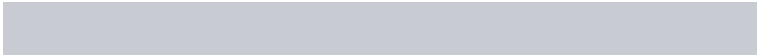
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



59.7850, 0.3063, 0.3208



91.4769, 0.3051, 0.3192



59.1957, 0.3082, 0.3185



12.6711, 0.3042, 0.3181



4.1594, 0.1567, 0.0840



0.3532, 0.1664, 0.1190

Inverse Universe

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



59.7989, 0.3183, 0.3267



91.5088, 0.3193, 0.3263



63.6548, 0.3171, 0.3394



12.6768, 0.3202, 0.3260



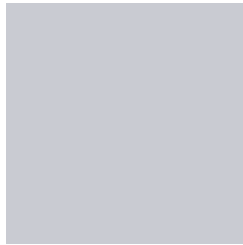
8.4912, 0.6005, 0.3082



0.4870, 0.5481, 0.2793

Previews

White Background



This preview shows how the Yxy color 59.7825, 0.3063, 0.3208 looks on a white background.

Color Contrast Check

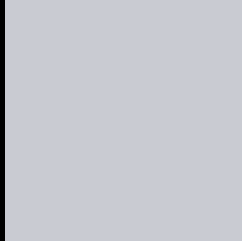
Large Text (above 18pt) WCAG AA × Fail

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 59.7825, 0.3063, 0.3208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

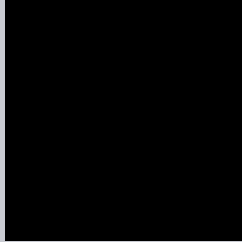
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

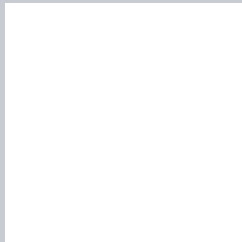
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.7825, 0.3063, 0.3208

Background



This preview shows how black text looks on a background with the Yxy color 59.7825, 0.3063, 0.3208.

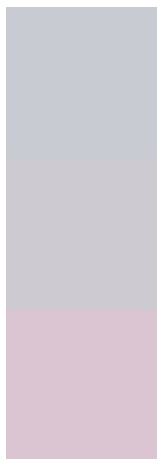


This preview shows how white text looks on a background with the Yxy color 59.7825, 0.3063, 0.3208.

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

59.7825, 0.3063, 0.3208

Protanopia

59.8236, 0.3100, 0.3209

Deuteranopia

59.6957, 0.3198, 0.3132



Tritanopia

59.8596, 0.3015, 0.3105

Trichromacy



Original Color

59.7825, 0.3063, 0.3208

Protanomaly

59.6819, 0.3093, 0.3208

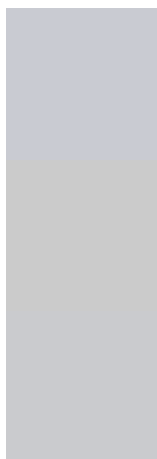
Deuteranomaly

59.5470, 0.3141, 0.3153

Tritanomaly

59.7039, 0.3036, 0.3139

Monochromacy



Original Color

59.7825, 0.3063, 0.3208

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.7247, 0.3098, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7825, 0.3063, 0.3208 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(201, 203, 210)` looks like.

```
.text, #text, p{  
    color:rgb(201, 203, 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(201, 203, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 203, 210) }
```

Border

The CSS property to change the border of an element to Yxy 59.7825, 0.3063, 0.3208 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(201, 203, 210) }
```

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

```
.border{ border-color:rgb(201, 203, 210) }
```

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

Here you see how a box with a 4 pixel rgb(201, 203, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 203, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 203, 210);  
box-shadow:4px 4px 4px 4px rgb(201, 203,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 59.7825, 0.3063, 0.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 203, 210) }
```

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

```
.background{ background-color: rgb(201,  
203, 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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