

Converting Colors

Yxy(68.4759, 0.3053, 0.3221)

Have a look what the booklet for
Yxy(68.4759, 0.3053, 0.3221)
contains.

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Color

Yxy(68.3827, 0.3059, 0.3223)

Conversions

Conversions Part 1

Format	Color
Hex	D4D8DE
RGB	212, 216, 222
RGB Percent	83%, 85%, 87%
CMY	0.1684, 0.1530, 0.1294
CMYK	0.04, 0.03, 0.00, 0.13
HSL	216°, 13%, 85%
HSV	216°, 4%, 87%
XYZ	64.9031, 68.3827, 78.8852
YIQ	215.4880, -4.3100, 1.0180

Conversions

Conversions Part 2

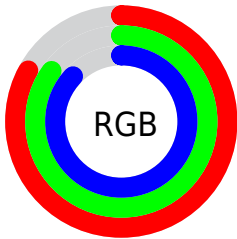
Format	Color
R _Y B	212, 215, 222
Decimal	13949150
CIE Lab	86.20, -0.21, -3.43
CIE LCh	86, 3.432, 266.504
Yxy	68.3827, 0.3059, 0.3223
Android (android.graphics.Color)	4292139230 (0xFFD4D8DE)
YUV	215.4880, 3.2104, -3.0590
Hunter-Lab	82.6938, -4.6167, 1.3264

Details

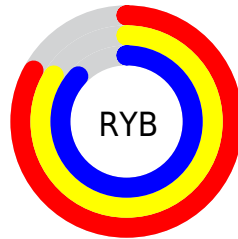
The Yxy color **68.3827, 0.3059, 0.3223** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.4621, 0.3196, 0.3356**, and the grayscale version is **68.2896, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.4479, 0.3037, 0.3202** is the 20% darker color. If you saturate the color by 10%, you get **58.7138, 0.2900, 0.3060**, and if you desaturate by 10%, it is **79.0722, 0.3208, 0.3368**.

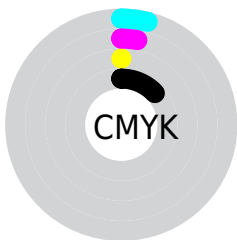
Distribution



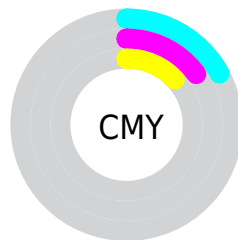
- Red (83%)
- Green (85%)
- Blue (87%)



- Red (83%)
- Yellow (84%)
- Blue (87%)



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)
- Black (13%)



- Cyan (17%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.3827, 0.3059, 0.3223 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 68.3827, 0.3059, 0.3223 by changing the saturation by 10% instead.

■ 68.3827, 0.3059,
0.3223

■ 68.3827, 0.3059,
0.3223

454.8507, 0.3091,
0.3254

■ 50.2091, 0.3052,
0.3216

116.8995, 0.3070,
0.3234

■ 35.5796, 0.3042,
0.3207

148.0114, 0.3074,
0.3238

■ 24.1097, 0.3031,
0.3195

184.2050, 0.3078,
0.3242

■ 15.4150, 0.3015,
0.3180

225.8646, 0.3081,
0.3245

■ 9.1112, 0.2994,
0.3159

273.3746, 0.3084,
0.3248

■ 4.8138, 0.2963,
0.3128

327.1193, 0.3087,

■ 2.1384, 0.2912,

0.3250

387.4833, 0.3089,
0.3253

0.3078

0.6861, 0.2789,
0.2958

0.0000, 0.0000,
0.0000

68.3827, 0.3059,
0.3223

68.3827, 0.3059,
0.3223

58.7138, 0.2900,
0.3060

79.0722, 0.3208,
0.3368

50.0251, 0.2733,
0.2879

90.5272, 0.3337,
0.3496

42.2861, 0.2561,
0.2679

98.0540, 0.3321,
0.3611

35.4611, 0.2387,
0.2463

■ 29.5122, 0.2218,
0.2235

■ 24.3982, 0.2060,
0.1999

■ 20.0741, 0.1919,
0.1765

■ 16.4893, 0.1802,
0.1540

■ 13.5849, 0.1714,
0.1334

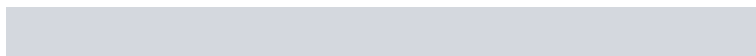
Harmonies

Analogous

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



68.3827, 0.3045, 0.3246



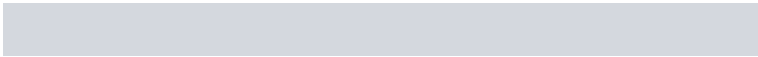
68.3827, 0.3059, 0.3223



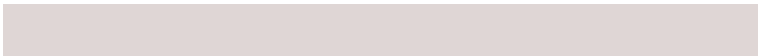
68.3827, 0.3091, 0.3218

Triad

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



68.3827, 0.3059, 0.3223



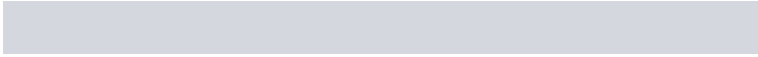
68.3827, 0.3202, 0.3299



68.3827, 0.3121, 0.3349

Complementary

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



68.3827, 0.3059, 0.3223



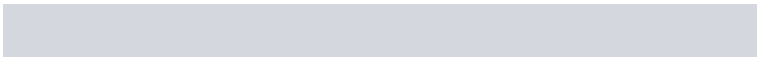
70.4621, 0.3196, 0.3356

Split Complementary

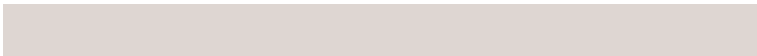
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.3827, 0.3163, 0.3363



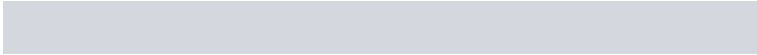
68.3827, 0.3059, 0.3223



68.3827, 0.3210, 0.3334

Square

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



68.3827, 0.3059, 0.3223



68.3827, 0.3173, 0.3262



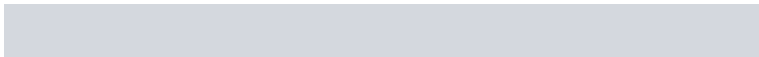
68.3827, 0.3196, 0.3358



68.3827, 0.3081, 0.3318

Rectangle

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



68.3827, 0.3059, 0.3223



68.3827, 0.3118, 0.3226



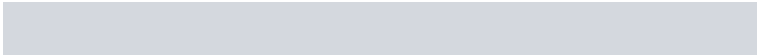
68.3827, 0.3196, 0.3358



68.3827, 0.3136, 0.3356

Sweetspot

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



68.3856, 0.3059, 0.3223



98.5404, 0.3112, 0.3275



71.3111, 0.3083, 0.3334



21.1071, 0.3113, 0.3276



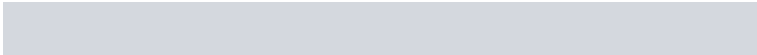
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



68.3856, 0.3059, 0.3223



92.8440, 0.3050, 0.3214



66.5411, 0.3067, 0.3179



14.9590, 0.3041, 0.3205



7.4667, 0.1682, 0.1256



0.6888, 0.1768, 0.1564

Inverse Universe

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



67.6008, 0.3174, 0.3247



91.6469, 0.3180, 0.3241



72.3722, 0.3186, 0.3399



14.7422, 0.3187, 0.3235



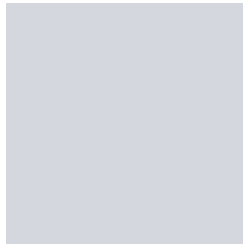
9.6618, 0.5387, 0.2741



0.6870, 0.4977, 0.2515

Previews

White Background



This preview shows how the Yxy color 68.3827, 0.3059, 0.3223 looks on a white background.

Color Contrast Check

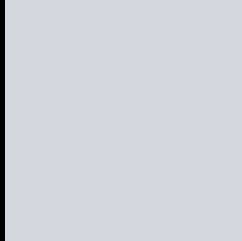
Large Text (above 18pt) WCAG AA × Fail

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 68.3827, 0.3059, 0.3223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

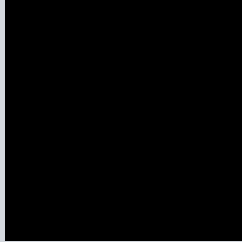
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

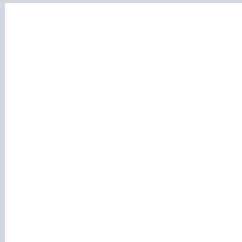
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.3827, 0.3059, 0.3223

Background



This preview shows how black text looks on a background with the Yxy color 68.3827, 0.3059, 0.3223.

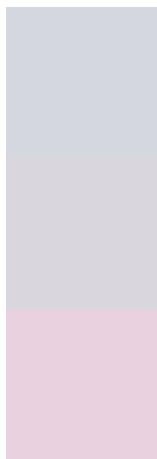


This preview shows how white text looks on a background with the Yxy color 68.3827, 0.3059, 0.3223.

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

68.3827, 0.3059, 0.3223

Protanopia

68.2190, 0.3109, 0.3213

Deuteranopia

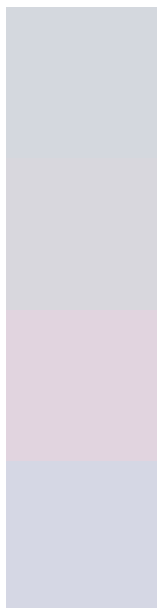
68.2523, 0.3209, 0.3141



Tritanopia

68.6665, 0.3014, 0.3114

Trichromacy



Original Color

68.3827, 0.3059, 0.3223

Protanomaly

68.4203, 0.3094, 0.3224

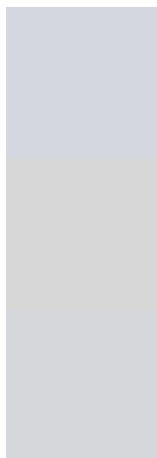
Deuteranomaly

68.4222, 0.3147, 0.3171

Tritanomaly

68.3484, 0.3027, 0.3147

Monochromacy



Original Color

68.3827, 0.3059, 0.3223

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.9590, 0.3100, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.3827, 0.3059, 0.3223 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(212, 216, 222) looks like.

```
.text, #text, p{  
    color:rgb(212, 216, 222)  
}
```

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(212, 216, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 216, 222) }
```

Border

The CSS property to change the border of an element to Yxy 68.3827, 0.3059, 0.3223 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(212, 216, 222) }
```

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

```
.border{ border-color:rgb(212, 216, 222) }
```

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

Here you see how a box with a 4 pixel rgb(212, 216, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 216, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 216, 222);  
box-shadow:4px 4px 4px 4px rgb(212, 216,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 68.3827, 0.3059, 0.3223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 216, 222) }
```

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

```
.background{ background-color: rgb(212,  
216, 222) }
```

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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