

Converting Colors

Yxy(67.8303, 0.3009, 0.3175)

Have a look what the booklet for
Yxy(67.8303, 0.3009, 0.3175)
contains.

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Color

Yxy(68.0126, 0.3004, 0.3178)

Conversions

Conversions Part 1

Format	Color
Hex	D0D8E2
RGB	208, 216, 226
RGB Percent	82%, 85%, 89%
CMY	0.1845, 0.1529, 0.1136
CMYK	0.08, 0.04, 0.00, 0.11
HSL	213°, 24%, 85%
HSV	213°, 8%, 89%
XYZ	64.2888, 68.0126, 81.7093
YIQ	214.7480, -7.9780, 1.4140

Conversions

Conversions Part 2

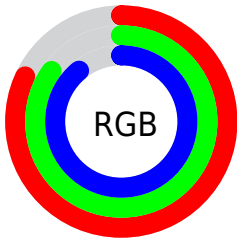
Format	Color
R _Y B	208, 214, 226
Decimal	13687010
CIE Lab	86.01, -0.81, -5.86
CIE LCh	86, 5.918, 262.166
Yxy	68.0126, 0.3004, 0.3178
Android (android.graphics.Color)	4291877090 (0xFFD0D8E2)
YUV	214.7480, 5.5472, -5.9180
Hunter-Lab	82.4698, -5.1734, -1.0145

Details

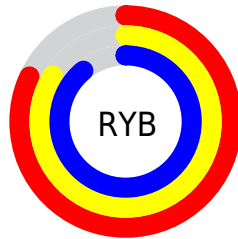
The Yxy color **68.0126, 0.3004, 0.3178** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.8506, 0.3254, 0.3400**, and the grayscale version is **67.7398, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.3000, 0.2976, 0.3143** is the 20% darker color. If you saturate the color by 10%, you get **58.7961, 0.2843, 0.3023**, and if you desaturate by 10%, it is **78.1907, 0.3157, 0.3316**.

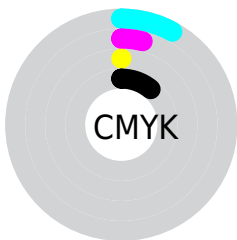
Distribution



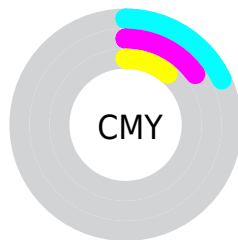
- Red (82%)
- Green (85%)
- Blue (89%)



- Red (82%)
- Yellow (84%)
- Blue (89%)



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (18%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.0126, 0.3004, 0.3178 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 68.0126, 0.3004, 0.3178 by changing the saturation by 10% instead.

■ 68.0126, 0.3004,
0.3178

■ 68.0126, 0.3004,
0.3178

453.5407, 0.3062,
0.3231

■ 49.9080, 0.2991,
0.3166

116.3702, 0.3024,
0.3196

■ 35.3403, 0.2974,
0.3151

147.3919, 0.3032,
0.3203

■ 23.9251, 0.2953,
0.3131

183.4882, 0.3039,
0.3210

■ 15.2781, 0.2925,
0.3106

225.0433, 0.3044,
0.3215

■ 9.0148, 0.2887,
0.3070

272.4417, 0.3049,
0.3220

■ 4.7508, 0.2831,
0.3018

326.0678, 0.3054,

■ 2.1018, 0.2740,

0.3224

0.2934

386.3060, 0.3058,
0.3227

0.6656, 0.2529,
0.2747

0.0000, 0.0000,
0.0000

68.0126, 0.3004,
0.3178

68.0126, 0.3004,
0.3178

58.7961, 0.2843,
0.3023

78.1907, 0.3157,
0.3316

50.5020, 0.2676,
0.2851

89.3506, 0.3301,
0.3439

43.1010, 0.2508,
0.2663

97.3701, 0.3299,
0.3558

36.5587, 0.2341,
0.2462

98.2725, 0.3297,
0.3571

■ 30.8381, 0.2181,
0.2250

■ 25.8992, 0.2035,
0.2032

■ 21.6972, 0.1909,
0.1816

■ 18.1816, 0.1807,
0.1609

■ 15.2860, 0.1730,
0.1417

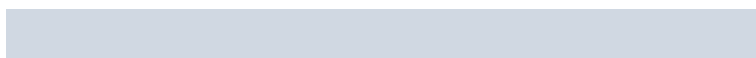
Harmonies

Analogous

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



68.0126, 0.2986, 0.3221



68.0126, 0.3004, 0.3178



68.0126, 0.3055, 0.3166

Triad

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



68.0126, 0.3004, 0.3178



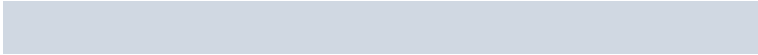
68.0126, 0.3251, 0.3296



68.0126, 0.3127, 0.3398

Complementary

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



68.0126, 0.3004, 0.3178



70.8506, 0.3254, 0.3400

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.



68.0126, 0.3199, 0.3417



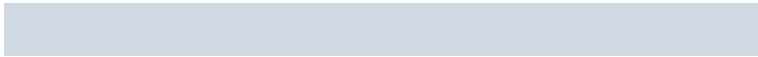
68.0126, 0.3004, 0.3178



68.0126, 0.3271, 0.3357

Square

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



68.0126, 0.3004, 0.3178



68.0126, 0.3198, 0.3233



68.0126, 0.3252, 0.3402



68.0126, 0.3057, 0.3348

Rectangle

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



68.0126, 0.3004, 0.3178



68.0126, 0.3101, 0.3176



68.0126, 0.3252, 0.3402



68.0126, 0.3152, 0.3408

Sweetspot

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



68.0155, 0.3004, 0.3178



97.2561, 0.3097, 0.3263



72.8673, 0.3055, 0.3380



20.8456, 0.3098, 0.3264



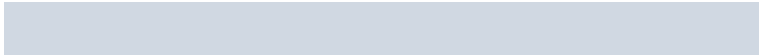
0.0000, 0.0000, 0.0000



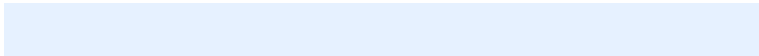
21.4041, 0.3127, 0.3290

Same Dimension

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



68.0155, 0.3004, 0.3178



86.7960, 0.2971, 0.3147



64.1170, 0.3011, 0.3087



14.2447, 0.2981, 0.3157



8.6492, 0.1725, 0.1409



0.7761, 0.1807, 0.1706

Inverse Universe

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



66.2217, 0.3207, 0.3202



83.9190, 0.3229, 0.3179



74.9867, 0.3239, 0.3486



13.8016, 0.3222, 0.3186



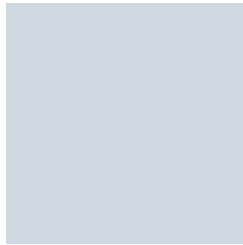
9.7812, 0.5179, 0.2627



0.6958, 0.4799, 0.2418

Previews

White Background



This preview shows how the Yxy color 68.0126, 0.3004, 0.3178 looks on a white background.

Color Contrast Check

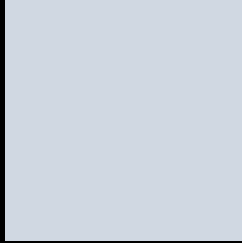
Large Text (above 18pt) WCAG AA × Fail

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 68.0126, 0.3004, 0.3178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

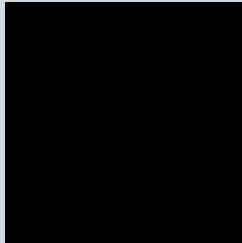
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

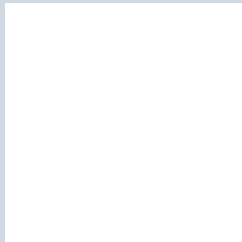
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.0126, 0.3004, 0.3178

Background



This preview shows how black text looks on a background with the Yxy color 68.0126, 0.3004, 0.3178.

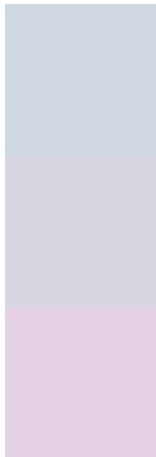


This preview shows how white text looks on a background with the Yxy color 68.0126, 0.3004, 0.3178.

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

68.0126, 0.3004, 0.3178

Protanopia

68.1283, 0.3068, 0.3169

Deuteranopia

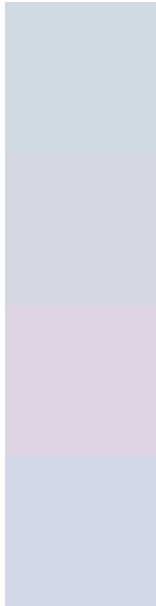
68.0254, 0.3151, 0.3087



Tritanopia

67.9824, 0.2973, 0.3102

Trichromacy



Original Color

68.0126, 0.3004, 0.3178

Protanomaly

68.1833, 0.3046, 0.3179

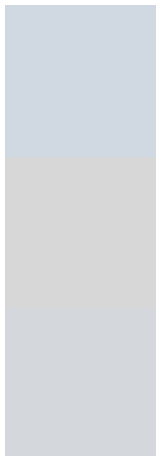
Deuteranomaly

68.1626, 0.3098, 0.3127

Tritanomaly

67.8694, 0.2986, 0.3123

Monochromacy



Original Color

68.0126, 0.3004, 0.3178

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.7124, 0.3079, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.0126, 0.3004, 0.3178 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(208, 216, 226)` looks like.

```
.text, #text, p{  
    color:rgb(208, 216, 226)  
}
```

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(208, 216, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 216, 226) }
```

Border

The CSS property to change the border of an element to Yxy 68.0126, 0.3004, 0.3178 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(208, 216, 226) }
```

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

```
.border{ border-color:rgb(208, 216, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 216, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 216, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 216, 226);  
box-shadow:4px 4px 4px 4px rgb(208, 216,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 68.0126, 0.3004, 0.3178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 216, 226) }
```

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

```
.background{ background-color: rgb(208,  
216, 226) }
```

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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