

Converting Colors

Yxy(68.1281, 0.3034, 0.3172)

Have a look what the booklet for
Yxy(68.1281, 0.3034, 0.3172)
contains.

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Color

Yxy(68.0889, 0.3033, 0.3168)

Conversions

Conversions Part 1

Format	Color
Hex	D4D7E2
RGB	212, 215, 226
RGB Percent	83%, 84%, 89%
CMY	0.1685, 0.1569, 0.1138
CMYK	0.06, 0.05, 0.00, 0.11
HSL	227°, 19%, 86%
HSV	227°, 6%, 89%
XYZ	65.1874, 68.0889, 81.6508
YIQ	215.3570, -5.3190, 2.7850

Conversions

Conversions Part 2

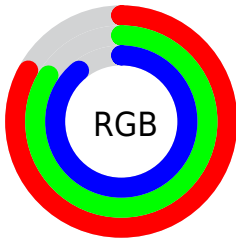
Format	Color
R _Y B	212, 214, 226
Decimal	13948898
CIE Lab	86.05, 1.06, -5.75
CIE LCh	86, 5.851, 280.481
Yxy	68.0889, 0.3033, 0.3168
Android (android.graphics.Color)	4292138978 (0xFFD4D7E2)
YUV	215.3570, 5.2470, -2.9441
Hunter-Lab	82.5160, -3.3885, -0.9071

Details

The Yxy color **68.0889, 0.3033, 0.3168** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.7211, 0.3221, 0.3409**, and the grayscale version is **68.1814, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.2500, 0.3003, 0.3130** is the 20% darker color. If you saturate the color by 10%, you get **56.3773, 0.2868, 0.2949**, and if you desaturate by 10%, it is **81.2650, 0.3183, 0.3361**.

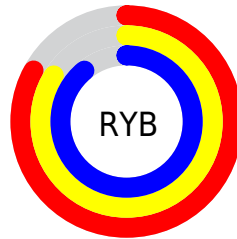
Distribution



Red (83%)

Green (84%)

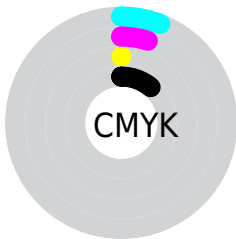
Blue (89%)



Red (83%)

Yellow (84%)

Blue (89%)

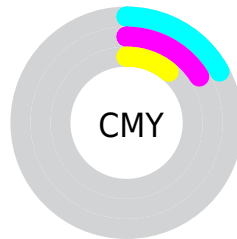


Cyan (6%)

Magenta (5%)

Yellow (0%)

Black (11%)



Cyan (17%)

Magenta (16%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.0889, 0.3033, 0.3168 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 68.0889, 0.3033, 0.3168 by changing the saturation by 10% instead.

■ 68.0889, 0.3033,
0.3168

■ 68.0889, 0.3033,
0.3168

453.8109, 0.3077,
0.3225

■ 49.9701, 0.3023,
0.3155

116.4793, 0.3048,
0.3188

■ 35.3896, 0.3010,
0.3138

147.5197, 0.3054,
0.3196

■ 23.9632, 0.2994,
0.3118

183.6360, 0.3060,
0.3202

■ 15.3063, 0.2972,
0.3090

225.2127, 0.3064,
0.3208

■ 9.0346, 0.2943,
0.3052

272.6341, 0.3068,
0.3213

■ 4.7638, 0.2899,
0.2997

326.2847, 0.3071,

■ 2.1093, 0.2829,

0.3218

0.2909

386.5489, 0.3074,
0.3221

0.6699, 0.2679,
0.2708

0.0000, 0.0000,
0.0000

68.0889, 0.3033,
0.3168

68.0889, 0.3033,
0.3168

56.3773, 0.2868,
0.2949

81.2650, 0.3183,
0.3361

46.0705, 0.2690,
0.2705

95.5175, 0.3303,
0.3531

37.1175, 0.2502,
0.2437

98.2705, 0.3298,
0.3572

29.4609, 0.2308,
0.2150

■ 23.0390, 0.2117,
0.1852

■ 17.7847, 0.1938,
0.1559

■ 13.6245, 0.1783,
0.1284

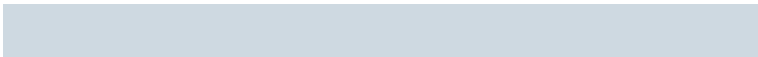
■ 10.4756, 0.1661,
0.1045

■ 8.2412, 0.1579,
0.0857

Harmonies

Analogous

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



68.0889, 0.2994, 0.3193



68.0889, 0.3033, 0.3168



68.0889, 0.3097, 0.3176

Triad

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



68.0889, 0.3033, 0.3168



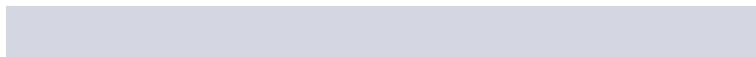
68.0889, 0.3266, 0.3334



68.0889, 0.3083, 0.3369

Complementary

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



68.0889, 0.3033, 0.3168



73.7211, 0.3221, 0.3409

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.



68.0889, 0.3156, 0.3408



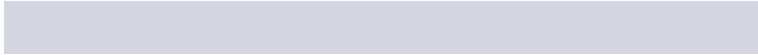
68.0889, 0.3033, 0.3168



68.0889, 0.3262, 0.3387

Square

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



68.0889, 0.3033, 0.3168



68.0889, 0.3232, 0.3271



68.0889, 0.3221, 0.3414



68.0889, 0.3023, 0.3309

Rectangle

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



68.0889, 0.3033, 0.3168



68.0889, 0.3146, 0.3198



68.0889, 0.3221, 0.3414



68.0889, 0.3107, 0.3385

Sweetspot

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



68.0918, 0.3033, 0.3168



96.5063, 0.3097, 0.3251



73.7177, 0.3051, 0.3323



20.6930, 0.3099, 0.3253



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.



68.0918, 0.3033, 0.3168



88.1159, 0.3019, 0.3150



67.1983, 0.3062, 0.3136



14.1991, 0.3011, 0.3139



4.4682, 0.1562, 0.0821



0.4395, 0.1640, 0.1102

Inverse Universe

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



68.1827, 0.3210, 0.3258



88.2616, 0.3223, 0.3253



74.6795, 0.3190, 0.3442



14.2254, 0.3230, 0.3251



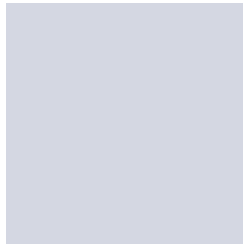
9.3591, 0.6036, 0.3099



0.6618, 0.5608, 0.2863

Previews

White Background



This preview shows how the Yxy color 68.0889, 0.3033, 0.3168 looks on a white background.

Color Contrast Check

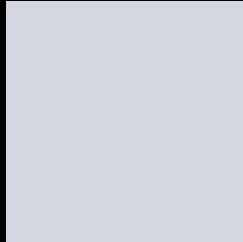
Large Text (above 18pt) WCAG AA × Fail

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 68.0889, 0.3033, 0.3168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

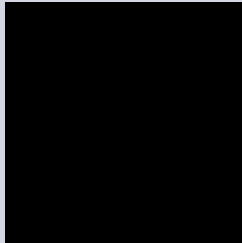
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

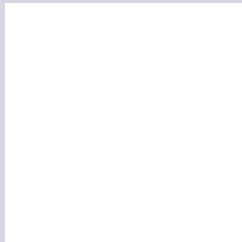
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.0889, 0.3033, 0.3168

Background



This preview shows how black text looks on a background with the Yxy color 68.0889, 0.3033, 0.3168.

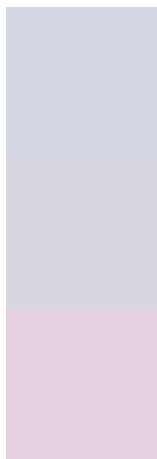


This preview shows how white text looks on a background with the Yxy color 68.0889, 0.3033, 0.3168.

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

68.0889, 0.3033, 0.3168

Protanopia

68.1283, 0.3068, 0.3169

Deuteranopia

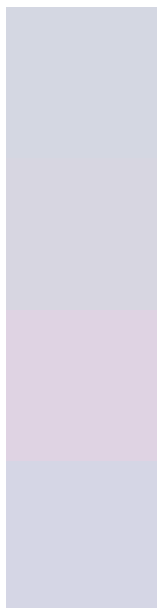
67.9700, 0.3158, 0.3098



Tritanopia

68.0088, 0.3007, 0.3103

Trichromacy



Original Color

68.0889, 0.3033, 0.3168

Protanomaly

67.9765, 0.3061, 0.3169

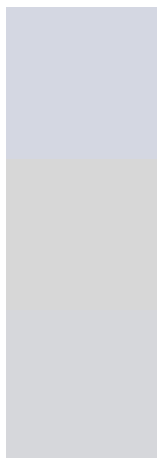
Deuteranomaly

67.8226, 0.3106, 0.3117

Tritanomaly

67.8964, 0.3020, 0.3125

Monochromacy



Original Color

68.0889, 0.3033, 0.3168

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.0115, 0.3093, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.0889, 0.3033, 0.3168 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, 215, 226)` looks like.

```
.text, #text, p{  
    color:rgb(212, 215, 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(212, 215, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 215, 226) }
```

Border

The CSS property to change the border of an element to Yxy 68.0889, 0.3033, 0.3168 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, 215, 226) }
```

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

```
.border{ border-color:rgb(212, 215, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 215, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 215, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 215, 226);  
box-shadow:4px 4px 4px 4px rgb(212, 215,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 68.0889, 0.3033, 0.3168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 215, 226) }
```

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

```
.background{ background-color: rgb(212,  
215, 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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