

Converting Colors

$Yxy(62.2800, 0.3035, 0.3186)$

Have a look what the booklet for
Yxy(62.2800, 0.3035, 0.3186)
contains.

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Color

Yxy(62.2800, 0.3035, 0.3186)

Conversions

Conversions Part 1

Format	Color
Hex	CBCFD8
RGB	203, 207, 216
RGB Percent	80%, 81%, 85%
CMY	0.2041, 0.1882, 0.1529
CMYK	0.06, 0.04, 0.00, 0.15
HSL	221°, 14%, 82%
HSV	221°, 6%, 85%
XYZ	59.3282, 62.2800, 73.8720
YIQ	206.8300, -5.2730, 1.9510

Conversions

Conversions Part 2

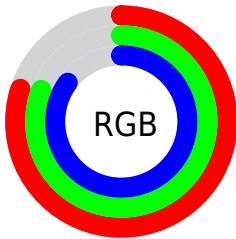
Format	Color
RYB	203, 206, 216
Decimal	13357016
CIELab	83.06, 0.32, -4.94
CIELCh	83, 4.953, 273.698
Yxy	62.2800, 0.3035, 0.3186
Android (android.graphics.Color)	4291547096 (0xFFCBCFD8)
YUV	206.8300, 4.5208, -3.3589
Hunter-Lab	78.9177, -3.9143, -0.2568

Details

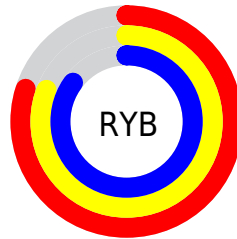
The Yxy color **62.2800, 0.3035, 0.3186** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.9765, 0.3220, 0.3392**, and the grayscale version is **62.2526, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.7452, 0.3015, 0.3168** is the 20% darker color. If you saturate the color by 10%, you get **52.5826, 0.2873, 0.2997**, and if you desaturate by 10%, it is **73.0851, 0.3185, 0.3354**.

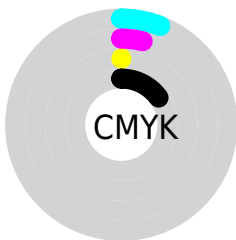
Distribution



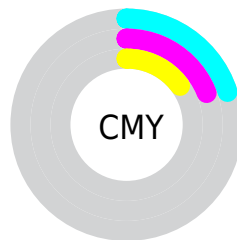
- Red (80%)
- Green (81%)
- Blue (85%)



- Red (80%)
- Yellow (81%)
- Blue (85%)



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)
- Black (15%)



- Cyan (20%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.2800, 0.3035, 0.3186 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 62.2800, 0.3035, 0.3186 by changing the saturation by 10% instead.

■ 62.2800, 0.3035,
0.3186

■ 62.2800, 0.3035,
0.3186

432.9517, 0.3079,
0.3236

■ 45.2590, 0.3025,
0.3174

108.1301, 0.3050,
0.3203

■ 31.6615, 0.3012,
0.3160

137.7280, 0.3056,
0.3210

■ 21.1031, 0.2995,
0.3141

172.2869, 0.3061,
0.3216

■ 13.1994, 0.2973,
0.3116

212.1914, 0.3066,
0.3221

■ 7.5660, 0.2942,
0.3081

257.8257, 0.3070,
0.3225

■ 3.8185, 0.2894,
0.3028

309.5742, 0.3073,

■ 1.5726, 0.2816,

0.3229

0.2940

367.8214, 0.3076,
0.3232

0.3390, 0.2385,
0.2450

0.0000, 0.0000,
0.0000

62.2800, 0.3035,
0.3186

62.2800, 0.3035,
0.3186

52.5826, 0.2873,
0.2997

73.0851, 0.3185,
0.3354

43.9490, 0.2701,
0.2785

85.0245, 0.3322,
0.3501

36.3437, 0.2521,
0.2553

95.6325, 0.3362,
0.3640

29.7262, 0.2339,
0.2304

97.7389, 0.3357,
0.3671

■ 24.0531, 0.2160,
0.2042

■ 19.2775, 0.1993,
0.1777

■ 15.3479, 0.1846,
0.1521

■ 12.2068, 0.1727,
0.1284

■ 9.7865, 0.1641,
0.1078

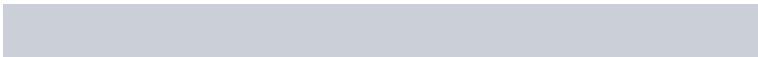
Harmonies

Analogous

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



62.2800, 0.3007, 0.3214



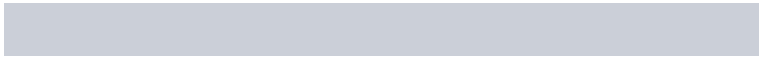
62.2800, 0.3035, 0.3186



62.2800, 0.3087, 0.3186

Triad

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



62.2800, 0.3035, 0.3186



62.2800, 0.3244, 0.3316



62.2800, 0.3103, 0.3369

Complementary

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



62.2800, 0.3035, 0.3186



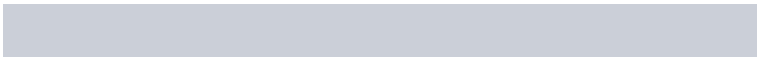
65.9765, 0.3220, 0.3392

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.



62.2800, 0.3166, 0.3397



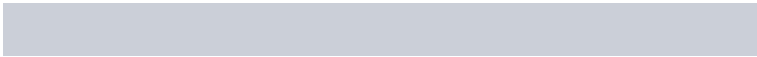
62.2800, 0.3035, 0.3186



62.2800, 0.3248, 0.3366

Square

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



62.2800, 0.3035, 0.3186



62.2800, 0.3208, 0.3261



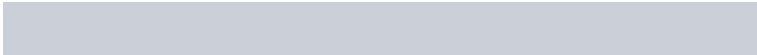
62.2800, 0.3220, 0.3395



62.2800, 0.3046, 0.3319

Rectangle

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



62.2800, 0.3035, 0.3186



62.2800, 0.3129, 0.3202



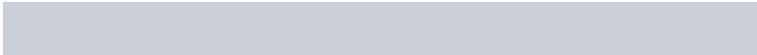
62.2800, 0.3220, 0.3395



62.2800, 0.3124, 0.3381

Sweetspot

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



62.2826, 0.3035, 0.3186



96.8239, 0.3097, 0.3256



66.5590, 0.3061, 0.3337



20.7576, 0.3098, 0.3258



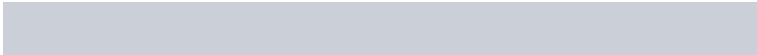
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



62.2826, 0.3035, 0.3186



89.1726, 0.3019, 0.3168



60.6778, 0.3053, 0.3139



13.0355, 0.3012, 0.3159



5.4925, 0.1620, 0.1033



0.4773, 0.1718, 0.1383

Inverse Universe

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



61.7977, 0.3199, 0.3244



88.3683, 0.3212, 0.3236



67.6707, 0.3198, 0.3438



12.9107, 0.3218, 0.3233



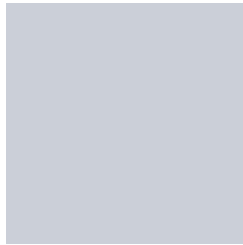
8.8993, 0.5709, 0.2919



0.5515, 0.5213, 0.2646

Previews

White Background



This preview shows how the Yxy color 62.2800, 0.3035, 0.3186 looks on a white background.

Color Contrast Check

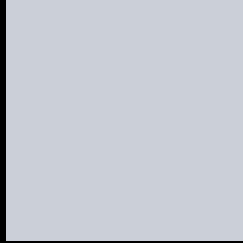
Large Text (above 18pt) WCAG AA × Fail

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 62.2800, 0.3035, 0.3186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

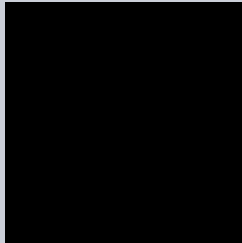
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

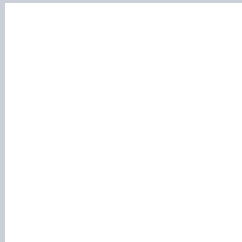
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.2800, 0.3035, 0.3186

Background



This preview shows how black text looks on a background with the Yxy color 62.2800, 0.3035, 0.3186.

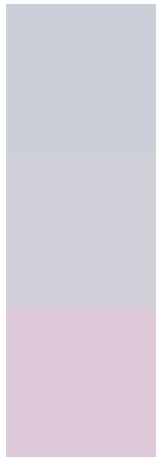


This preview shows how white text looks on a background with the Yxy color 62.2800, 0.3035, 0.3186.

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

62.2800, 0.3035, 0.3186

Protanopia

62.4588, 0.3079, 0.3187

Deuteranopia

62.3126, 0.3174, 0.3113



Tritanopia

62.2539, 0.3002, 0.3107

Trichromacy



Original Color

62.2800, 0.3035, 0.3186

Protanomaly

62.1707, 0.3065, 0.3187

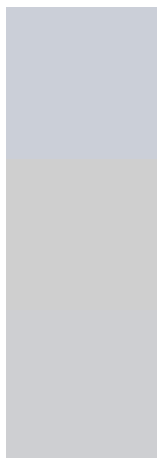
Deuteranomaly

62.1687, 0.3119, 0.3133

Tritanomaly

62.1473, 0.3016, 0.3129

Monochromacy



Original Color

62.2800, 0.3035, 0.3186

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.4006, 0.3099, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2800, 0.3035, 0.3186 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(203, 207, 216)` looks like.

```
.text, #text, p{  
    color:rgb(203, 207, 216)  
}
```

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(203, 207, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 207, 216) }
```

Border

The CSS property to change the border of an element to Yxy 62.2800, 0.3035, 0.3186 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(203, 207, 216) }
```

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

```
.border{ border-color:rgb(203, 207, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 207, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 207, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 207, 216);  
box-shadow:4px 4px 4px 4px rgb(203, 207,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2800, 0.3035, 0.3186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 207, 216) }
```

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

```
.background{ background-color: rgb(203,  
207, 216) }
```

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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