

Converting Colors

Yxy(67.0746, 0.2898, 0.3142)

Have a look what the booklet for
Yxy(67.0746, 0.2898, 0.3142)
contains.

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Color

Yxy(67.0746, 0.2898, 0.3142)

Conversions

Conversions Part 1

Format	Color
Hex	C4D9E6
RGB	196, 217, 230
RGB Percent	77%, 85%, 90%
CMY	0.2312, 0.1490, 0.0981
CMYK	0.15, 0.06, 0.00, 0.10
HSL	203°, 40%, 84%
HSV	203°, 15%, 90%
XYZ	61.8658, 67.0746, 84.5371
YIQ	212.2030, -16.6890, -0.4090

Conversions

Conversions Part 2

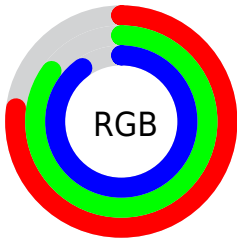
Format	Color
R_{YB}	196, 209, 230
Decimal	12900838
CIE _{Lab}	85.54, -4.36, -8.75
CIE _{LCh}	86, 9.775, 243.505
Yxy	67.0746, 0.2898, 0.3142
Android (android.graphics.Color)	4291090918 (0xFFC4D9E6)
YUV	212.2030, 8.7739, -14.2100
Hunter-Lab	81.8991, -8.4863, -3.8704

Details

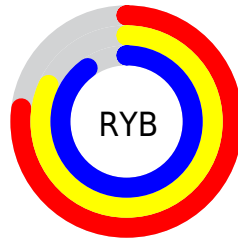
The Yxy color **67.0746, 0.2898, 0.3142** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.4214, 0.3381, 0.3434**, and the grayscale version is **65.9340, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **34.6866, 0.2839, 0.3095** is the 20% darker color. If you saturate the color by 10%, you get **59.8094, 0.2741, 0.3029**, and if you desaturate by 10%, it is **75.0600, 0.3054, 0.3245**.

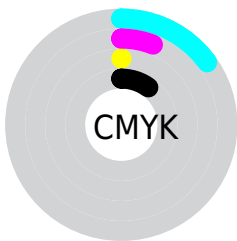
Distribution



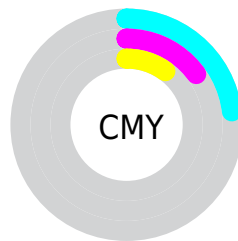
- Red (77%)
- Green (85%)
- Blue (90%)



- Red (77%)
- Yellow (82%)
- Blue (90%)



- Cyan (15%)
- Magenta (6%)
- Yellow (0%)
- Black (10%)



- Cyan (23%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.0746, 0.2898, 0.3142 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 67.0746, 0.2898, 0.3142 by changing the saturation by 10% instead.

■ 67.0746, 0.2898,
0.3142

■ 67.0746, 0.2898,
0.3142

450.2103, 0.3005,
0.3212

■ 49.1453, 0.2873,
0.3126

115.0273, 0.2935,
0.3167

■ 34.7347, 0.2843,
0.3105

145.8194, 0.2950,
0.3176

■ 23.4586, 0.2804,
0.3079

181.6680, 0.2962,
0.3184

■ 14.9325, 0.2753,
0.3044

222.9573, 0.2973,
0.3191

■ 8.7720, 0.2682,
0.2995

270.0718, 0.2982,
0.3198

■ 4.5928, 0.2580,
0.2923

323.3958, 0.2991,

■ 2.0104, 0.2418,

0.3203

0.2805

383.3139, 0.2998,
0.3208

0.6135, 0.1982,
0.2551

0.0000, 0.0000,
0.0000

67.0746, 0.2898,
0.3142

67.0746, 0.2898,
0.3142

59.8094, 0.2741,
0.3029

75.0600, 0.3054,
0.3245

53.2309, 0.2586,
0.2905

83.7810, 0.3206,
0.3337

47.3149, 0.2436,
0.2772

91.3099, 0.3286,
0.3422

42.0323, 0.2296,
0.2631

96.7148, 0.3277,
0.3506

■ 37.3514, 0.2170,
0.2485

■ 98.4923, 0.3274,
0.3532

■ 33.2367, 0.2062,
0.2336

■ 29.6476, 0.1974,
0.2187

■ 26.5354, 0.1908,
0.2041

■ 25.0566, 0.1880,
0.1966

Harmonies

Analogous

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



67.0746, 0.2906, 0.3235



67.0746, 0.2898, 0.3142



67.0746, 0.2950, 0.3091

Triad

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



67.0746, 0.2898, 0.3142



67.0746, 0.3283, 0.3233



67.0746, 0.3203, 0.3497

Complementary

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



67.0746, 0.2898, 0.3142



66.4214, 0.3381, 0.3434

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.



67.0746, 0.3306, 0.3492



67.0746, 0.2898, 0.3142



67.0746, 0.3353, 0.3338

Square

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



67.0746, 0.2898, 0.3142



67.0746, 0.3171, 0.3144



67.0746, 0.3362, 0.3433



67.0746, 0.3081, 0.3443

Rectangle

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



67.0746, 0.2898, 0.3142



67.0746, 0.3012, 0.3086



67.0746, 0.3362, 0.3433



67.0746, 0.3241, 0.3502

Sweetspot

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



67.0774, 0.2898, 0.3142



95.6518, 0.3065, 0.3252



72.9043, 0.3032, 0.3536



20.3020, 0.3054, 0.3245



0.0000, 0.0000, 0.0000



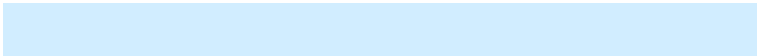
21.4041, 0.3127, 0.3290

Same Dimension

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



67.0774, 0.2898, 0.3142



81.6127, 0.2845, 0.3105



59.0235, 0.2891, 0.2950



15.3616, 0.2981, 0.3198



14.4310, 0.1886, 0.1989



1.2447, 0.1944, 0.2199

Inverse Universe

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



61.3270, 0.3240, 0.3062



73.0501, 0.3270, 0.3008



74.9067, 0.3355, 0.3608



14.5168, 0.3196, 0.3146



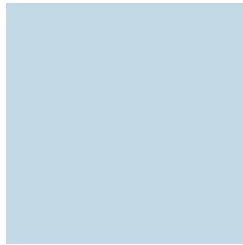
10.6545, 0.4466, 0.2234



0.8053, 0.4233, 0.2106

Previews

White Background



This preview shows how the Yxy color 67.0746, 0.2898, 0.3142 looks on a white background.

Color Contrast Check

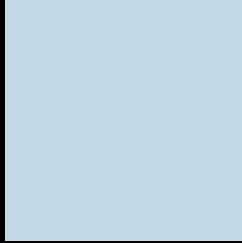
Large Text (above 18pt) WCAG AA × Fail

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 67.0746, 0.2898, 0.3142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

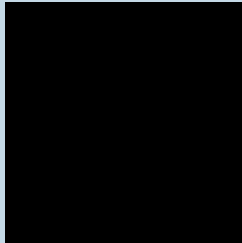
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

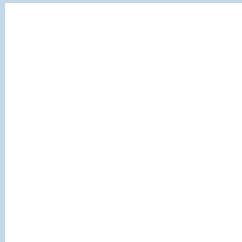
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.0746, 0.2898, 0.3142

Background



This preview shows how black text looks on a background with the Yxy color 67.0746, 0.2898, 0.3142.

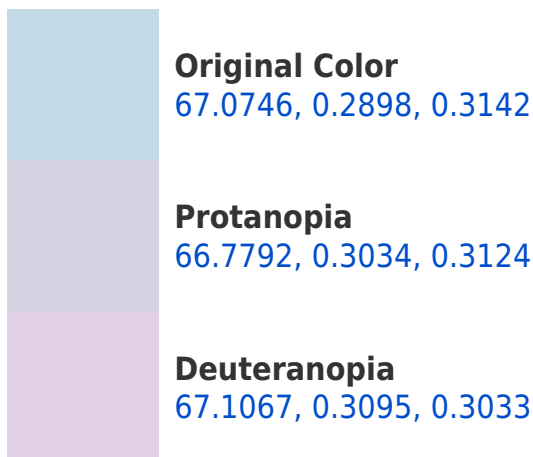


This preview shows how white text looks on a background with the Yxy color 67.0746, 0.2898, 0.3142.

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

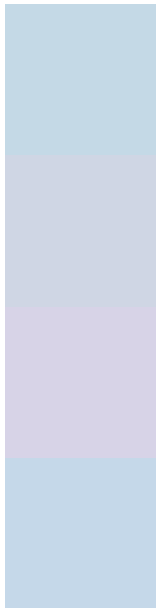




Tritanopia

66.9226, 0.2879, 0.3086

Trichromacy



Original Color

67.0746, 0.2898, 0.3142

Protanomaly

66.9600, 0.2985, 0.3133

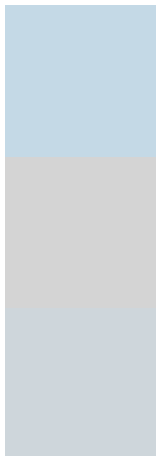
Deuteranomaly

66.8051, 0.3022, 0.3070

Tritanomaly

66.8652, 0.2886, 0.3097

Monochromacy



Original Color

67.0746, 0.2898, 0.3142

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.3294, 0.3036, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.0746, 0.2898, 0.3142 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(196, 217, 230)` looks like.

```
.text, #text, p{  
    color:rgb(196, 217, 230)  
}
```

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(196, 217, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 217, 230) }
```

Border

The CSS property to change the border of an element to Yxy 67.0746, 0.2898, 0.3142 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(196, 217, 230) }
```

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

```
.border{ border-color:rgb(196, 217, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 217, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 217, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 217, 230);  
box-shadow:4px 4px 4px 4px rgb(196, 217,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 67.0746, 0.2898, 0.3142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 217, 230) }
```

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

```
.background{ background-color: rgb(196,  
217, 230) }
```

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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