

Converting Colors

Yxy(67.6999, 0.2910, 0.3158)

Have a look what the booklet for
Yxy(67.6999, 0.2910, 0.3158)
contains.

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Color

Yxy(67.7263, 0.2905, 0.3154)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | C5DAE6 |
| RGB | 197, 218, 230 |
| RGB Percent | 77%, 85%, 90% |
| CMY | 0.2274, 0.1451, 0.0982 |
| CMYK | 0.14, 0.05, 0.00, 0.10 |
| HSL | 202°, 40%, 84% |
| HSV | 202°, 14%, 90% |
| XYZ | 62.3795, 67.7263, 84.6257 |
| YIQ | 213.0890, -16.3680, -0.7200 |

Conversions

Conversions Part 2

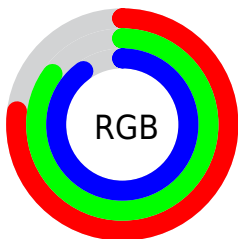
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 197, 210, 230 |
| Decimal | 12966630 |
| CIE Lab | 85.87, -4.58, -8.25 |
| CIE LCh | 86, 9.432, 240.967 |
| Yxy | 67.7263, 0.2905, 0.3154 |
| Android (android.graphics.Color) | 4291156710 (0xFFC5DAE6) |
| YUV | 213.0890, 8.3371, -14.1101 |
| Hunter-Lab | 82.2960, -8.7169, -3.3612 |

Details

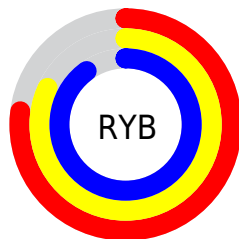
The Yxy color **67.7263, 0.2905, 0.3154** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.4425, 0.3374, 0.3422**, and the grayscale version is **66.5557, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **35.1292, 0.2848, 0.3111** is the 20% darker color. If you saturate the color by 10%, you get **60.6348, 0.2749, 0.3047**, and if you desaturate by 10%, it is **75.5153, 0.3061, 0.3251**.

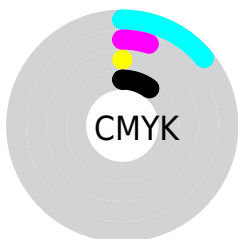
Distribution



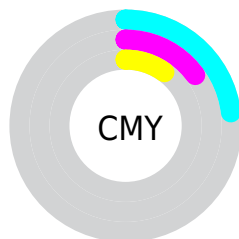
- Red (77%)
- Green (85%)
- Blue (90%)



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



- Cyan (14%)
- Magenta (5%)
- Yellow (0%)
- Black (10%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.7263, 0.2905, 0.3154 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 67.7263, 0.2905, 0.3154 by changing the saturation by 10% instead.

■ 67.7263, 0.2905,
0.3154

■ 67.7263, 0.2905,
0.3154

452.5257, 0.3009,
0.3218

■ 49.6751, 0.2881,
0.3139

115.9605, 0.2941,
0.3177

■ 35.1553, 0.2852,
0.3120

146.9123, 0.2955,
0.3185

■ 23.7825, 0.2814,
0.3096

182.9331, 0.2967,
0.3193

■ 15.1724, 0.2765,
0.3064

224.4073, 0.2978,
0.3199

■ 8.9405, 0.2697,
0.3019

271.7192, 0.2987,
0.3205

■ 4.7024, 0.2599,
0.2953

325.2533, 0.2995,

■ 2.0737, 0.2443,

0.3210

0.2845

385.3940, 0.3002,
0.3214

0.6498, 0.2043,
0.2624

0.0000, 0.0000,
0.0000

67.7263, 0.2905,
0.3154

67.7263, 0.2905,
0.3154

60.6348, 0.2749,
0.3047

75.5153, 0.3061,
0.3251

54.2076, 0.2595,
0.2930

84.0164, 0.3213,
0.3338

48.4215, 0.2447,
0.2805

91.1067, 0.3286,
0.3419

43.2479, 0.2309,
0.2672

96.2207, 0.3278,
0.3499

■ 38.6559, 0.2185,
0.2534

■ 98.4916, 0.3274,
0.3533

■ 34.6108, 0.2079,
0.2393

■ 31.0730, 0.1993,
0.2252

■ 27.9947, 0.1929,
0.2114

■ 26.4128, 0.1899,
0.2037

Harmonies

Analogous

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



67.7263, 0.2918, 0.3246



67.7263, 0.2905, 0.3154



67.7263, 0.2950, 0.3100

Triad

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



67.7263, 0.2905, 0.3154



67.7263, 0.3269, 0.3227



67.7263, 0.3209, 0.3491

Complementary

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



67.7263, 0.2905, 0.3154



66.4425, 0.3374, 0.3422

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.



67.7263, 0.3306, 0.3482



67.7263, 0.2905, 0.3154



67.7263, 0.3341, 0.3328

Square

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



67.7263, 0.2905, 0.3154



67.7263, 0.3159, 0.3143



67.7263, 0.3354, 0.3421



67.7263, 0.3092, 0.3444

Rectangle

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



67.7263, 0.2905, 0.3154



67.7263, 0.3008, 0.3093



67.7263, 0.3354, 0.3421



67.7263, 0.3245, 0.3494

Sweetspot

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



67.7291, 0.2905, 0.3154



95.7761, 0.3065, 0.3254



73.0314, 0.3038, 0.3535



20.3335, 0.3054, 0.3247



0.0000, 0.0000, 0.0000



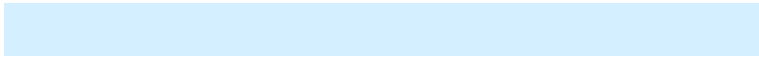
21.4041, 0.3127, 0.3290

Same Dimension

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



67.7291, 0.2905, 0.3154



83.0497, 0.2862, 0.3125



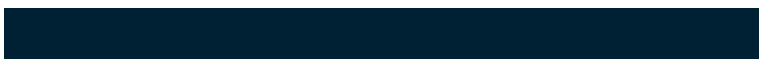
59.8056, 0.2899, 0.2968



15.4100, 0.2981, 0.3203



15.1978, 0.1905, 0.2058



1.2981, 0.1961, 0.2258

Inverse Universe

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



61.8199, 0.3232, 0.3062



74.4195, 0.3255, 0.3016



74.7159, 0.3349, 0.3593



14.5217, 0.3193, 0.3141



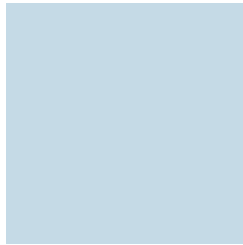
10.7319, 0.4387, 0.2191



0.8107, 0.4170, 0.2071

Previews

White Background



This preview shows how the Yxy color 67.7263, 0.2905, 0.3154 looks on a white background.

Color Contrast Check

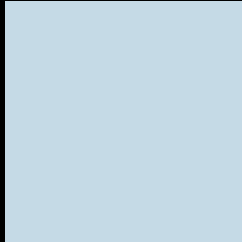
Large Text (above 18pt) WCAG AA × Fail

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 67.7263, 0.2905, 0.3154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

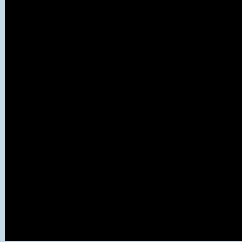
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

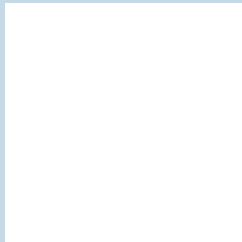
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.7263, 0.2905, 0.3154

Background



This preview shows how black text looks on a background with the Yxy color 67.7263, 0.2905, 0.3154.

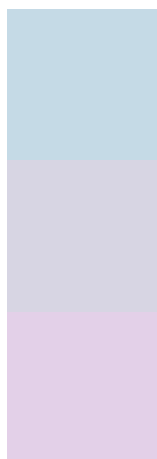


This preview shows how white text looks on a background with the Yxy color 67.7263, 0.2905, 0.3154.

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

67.7263, 0.2905, 0.3154

Protanopia

67.5816, 0.3048, 0.3136

Deuteranopia

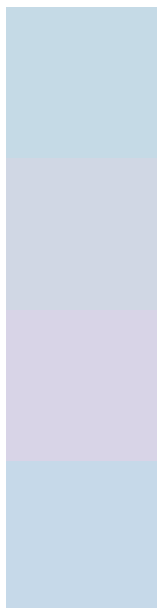
67.2688, 0.3102, 0.3033



Tritanopia

67.6296, 0.2880, 0.3087

Trichromacy



Original Color

67.7263, 0.2905, 0.3154

Protanomaly

67.6122, 0.2992, 0.3145

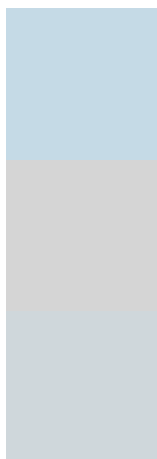
Deuteranomaly

67.4554, 0.3029, 0.3082

Tritanomaly

67.5147, 0.2893, 0.3109

Monochromacy



Original Color

67.7263, 0.2905, 0.3154

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.9807, 0.3043, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.7263, 0.2905, 0.3154 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(197, 218, 230)` looks like.

```
.text, #text, p{  
    color:rgb(197, 218, 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(197, 218, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 218, 230) }
```

Border

The CSS property to change the border of an element to Yxy 67.7263, 0.2905, 0.3154 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(197, 218, 230) }
```

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

```
.border{ border-color:rgb(197, 218, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 218, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 218, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 218, 230);  
box-shadow:4px 4px 4px 4px rgb(197, 218,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 67.7263, 0.2905, 0.3154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 218, 230) }
```

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

```
.background{ background-color: rgb(197,  
218, 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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