

Converting Colors

$Yxy(85.6496, 0.2877, 0.3236)$

Have a look what the booklet for
Yxy(85.6496, 0.2877, 0.3236)
contains.

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Color

Yxy(85.7623, 0.2876, 0.3237)

Conversions

Conversions Part 1

Format	Color
Hex	D1F5FA
RGB	209, 245, 250
RGB Percent	82%, 96%, 98%
CMY	0.1805, 0.0392, 0.0196
CMYK	0.16, 0.02, 0.00, 0.02
HSL	187°, 80%, 90%
HSV	187°, 16%, 98%
XYZ	76.1978, 85.7623, 102.9836
YIQ	234.8060, -23.0610, -6.0770

Conversions

Conversions Part 2

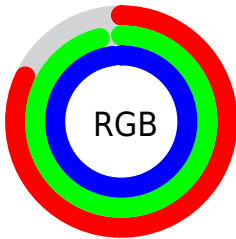
Format	Color
R_{YB}	209, 228, 250
Decimal	13759994
CIE _{Lab}	94.21, -10.56, -6.30
CIE _{LCh}	94, 12.299, 210.827
Yxy	85.7623, 0.2876, 0.3237
Android (android.graphics.Color)	4291950074 (0xFFD1F5FA)
YUV	234.8060, 7.4906, -22.6319
Hunter-Lab	92.6079, -15.1941, -1.1072

Details

The Yxy color **85.7623, 0.2876, 0.3237** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.0077, 0.3432, 0.3342**, and the grayscale version is **82.8773, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.1603, 0.2819, 0.3222** is the 20% darker color. If you saturate the color by 10%, you get **80.5744, 0.2732, 0.3201**, and if you desaturate by 10%, it is **91.5598, 0.3028, 0.3270**.

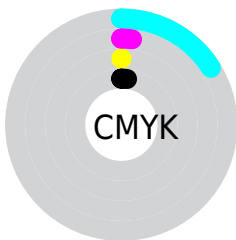
Distribution



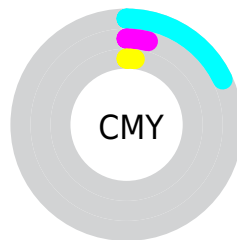
- Red (82%)
- Green (96%)
- Blue (98%)



- Red (82%)
- Yellow (89%)
- Blue (98%)



- Cyan (16%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)




- Cyan (18%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.7623, 0.2876, 0.3237 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 85.7623, 0.2876, 0.3237 by changing the saturation by 10% instead.

 85.7623, 0.2876,
0.3237

 85.7623, 0.2876,
0.3237

514.1471, 0.2988,
0.3262

 64.4714, 0.2851,
0.3231


141.4377, 0.2914,
0.3246

 47.0326, 0.2821,
0.3224


176.5911, 0.2929,
0.3249

 33.0614, 0.2784,
0.3215


217.1341, 0.2942,
0.3252

 22.1735, 0.2736,
0.3203

263.4511, 0.2954,
0.3255

 13.9845, 0.2674,
0.3186

315.9265, 0.2964,
0.3257

 8.1099, 0.2587,
0.3162


374.9447, 0.2973,


 4.1653, 0.2459,

0.3259

0.3124

440.8901, 0.2981,
0.3260


 1.7665, 0.2254,
0.3057

 0.4661, 0.1158,
0.2914


 85.7623, 0.2876,
0.3237


 85.7623, 0.2876,
0.3237


 80.5744, 0.2732,
0.3201


 91.5598, 0.3028,
0.3270


 75.9586, 0.2598,
0.3163

 97.2185, 0.3158,
0.3301

 71.8897, 0.2477,
0.3122

 99.1367, 0.3156,
0.3330

 68.3361, 0.2373,
0.3080

 99.6825, 0.3156,
0.3338

■ 65.2630, 0.2287,
0.3037

■ 62.6308, 0.2221,
0.2994

■ 60.3933, 0.2174,
0.2951

■ 58.4928, 0.2145,
0.2909

■ 57.8609, 0.2137,
0.2894

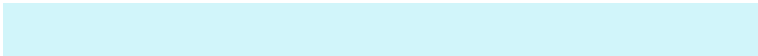
Harmonies

Analogous

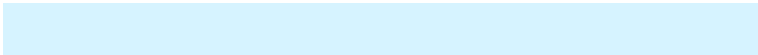
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.7623, 0.2958, 0.3367



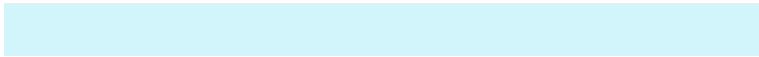
85.7623, 0.2876, 0.3237



85.7623, 0.2860, 0.3126

Triad

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



85.7623, 0.2876, 0.3237



85.7623, 0.3165, 0.3114



85.7623, 0.3343, 0.3521

Complementary

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



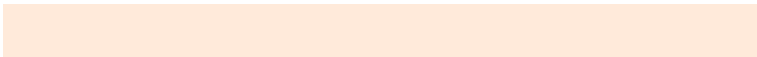
85.7623, 0.2876, 0.3237



73.0077, 0.3432, 0.3342

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.



85.7623, 0.3402, 0.3447



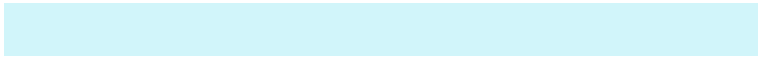
85.7623, 0.2876, 0.3237



85.7623, 0.3298, 0.3213

Square

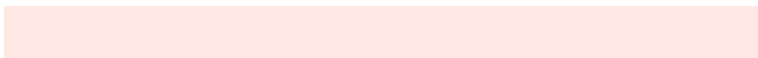
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.7623, 0.2876, 0.3237



85.7623, 0.3024, 0.3059



85.7623, 0.3385, 0.3334



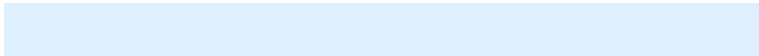
85.7623, 0.3226, 0.3533

Rectangle

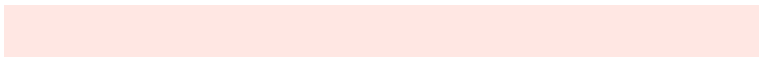
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



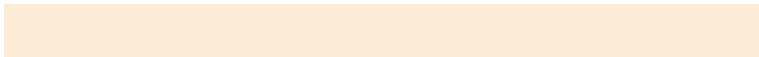
85.7623, 0.2876, 0.3237



85.7623, 0.2889, 0.3077



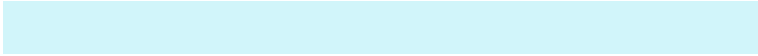
85.7623, 0.3385, 0.3334



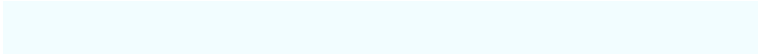
85.7623, 0.3370, 0.3502

Sweetspot

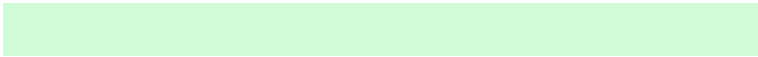
The Sweet Spot groups the original color and five complimentary colors.



85.7658, 0.2876, 0.3237



96.6750, 0.3049, 0.3275



86.7702, 0.3079, 0.3681



20.5953, 0.3038, 0.3272



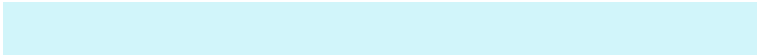
0.0000, 0.0000, 0.0000



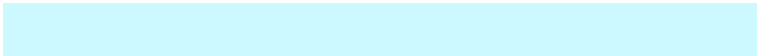
21.4041, 0.3127, 0.3290

Same Dimension

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



85.7658, 0.2876, 0.3237



87.6791, 0.2823, 0.3224



74.1463, 0.2866, 0.3019



19.2266, 0.2980, 0.3260



30.8332, 0.2139, 0.2901



2.9540, 0.2153, 0.2951

Inverse Universe

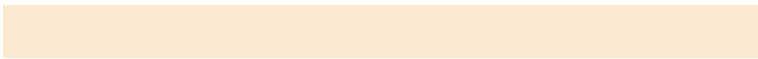
The Inverse Universe completely reimagines the original color for something new.



72.5089, 0.3181, 0.2930



71.2722, 0.3194, 0.2849



83.9320, 0.3399, 0.3547



17.4860, 0.3157, 0.3084



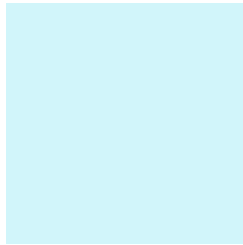
13.5235, 0.3543, 0.1725



1.2624, 0.3497, 0.1700

Previews

White Background



This preview shows how the Yxy color 85.7623, 0.2876, 0.3237 looks on a white background.

Color Contrast Check

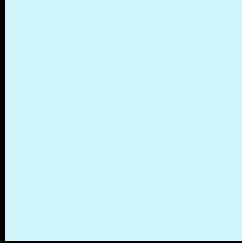
Large Text (above 18pt) WCAG AA × Fail

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 85.7623, 0.2876, 0.3237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

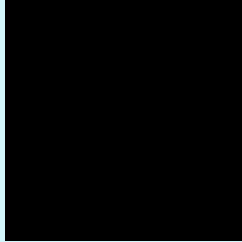
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 85.7623, 0.2876, 0.3237

Background



This preview shows how black text looks on a background with the Yxy color 85.7623, 0.2876, 0.3237.

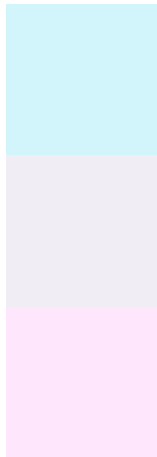


This preview shows how white text looks on a background with the Yxy color 85.7623, 0.2876, 0.3237.

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

85.7623, 0.2876, 0.3237

Protanopia

85.6862, 0.3098, 0.3210

Deuteranopia

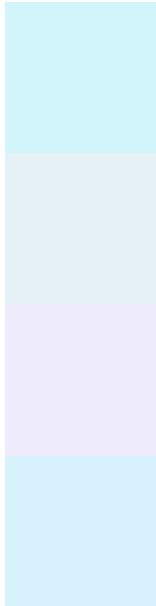
85.3145, 0.3144, 0.3077



Tritanopia

85.3462, 0.2913, 0.3146

Trichromacy



Original Color

85.7623, 0.2876, 0.3237

Protanomaly

85.6936, 0.3014, 0.3218

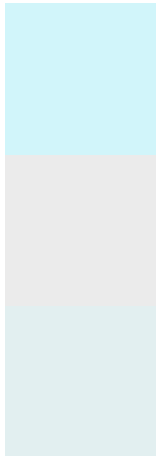
Deuteranomaly

85.1963, 0.3043, 0.3130

Tritanomaly

85.1950, 0.2900, 0.3176

Monochromacy



Original Color

85.7623, 0.2876, 0.3237

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

84.1930, 0.3037, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.7623, 0.2876, 0.3237 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(209, 245, 250)` looks like.

```
.text, #text, p{  
    color:rgb(209, 245, 250)  
}
```

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(209, 245, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 245, 250) }
```

Border

The CSS property to change the border of an element to Yxy 85.7623, 0.2876, 0.3237 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(209, 245, 250) }
```

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

```
.border{ border-color:rgb(209, 245, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 245, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 245, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 245, 250);  
box-shadow:4px 4px 4px 4px rgb(209, 245,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 85.7623, 0.2876, 0.3237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 245, 250) }
```

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

```
.background{ background-color: rgb(209,  
245, 250) }
```

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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