

Converting Colors

$Y_{xy}(85.3485, 0.2859, 0.3195)$

Have a look what the booklet for
Yxy(85.3485, 0.2859, 0.3195)
contains.

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Color

Yxy(85.3485, 0.2859, 0.3195)

Conversions

Conversions Part 1

Format	Color
Hex	D1F4FD
RGB	209, 244, 253
RGB Percent	82%, 96%, 99%
CMY	0.1805, 0.0431, 0.0077
CMYK	0.17, 0.04, 0.00, 0.01
HSL	192°, 92%, 91%
HSV	192°, 17%, 99%
XYZ	76.3729, 85.3485, 105.4101
YIQ	234.5610, -23.7490, -4.6210

Conversions

Conversions Part 2

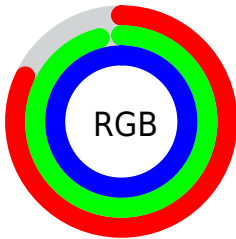
Format	Color
R _Y B	209, 228, 253
Decimal	13759741
CIE Lab	94.03, -9.44, -8.14
CIE LCh	94, 12.464, 220.764
Yxy	85.3485, 0.2859, 0.3195
Android (android.graphics.Color)	4291949821 (0xFFD1F4FD)
YUV	234.5610, 9.0904, -22.4170
Hunter-Lab	92.3843, -14.1088, -2.9807

Details

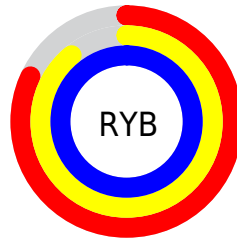
The Yxy color **85.3485, 0.2859, 0.3195** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.6360, 0.3449, 0.3383**, and the grayscale version is **82.6697, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.8220, 0.2804, 0.3181** is the 20% darker color. If you saturate the color by 10%, you get **78.8729, 0.2711, 0.3134**, and if you desaturate by 10%, it is **92.5051, 0.3012, 0.3251**.

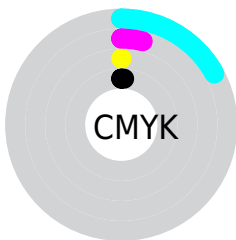
Distribution



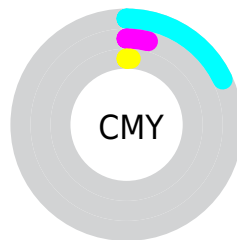
- Red (82%)
- Green (96%)
- Blue (99%)



- Red (82%)
- Yellow (89%)
- Blue (99%)



- Cyan (17%)
- Magenta (4%)
- Yellow (0%)
- Black (1%)



- Cyan (18%)
- Magenta (4%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 85.3485, 0.2859, 0.3195 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 85.3485, 0.2859, 0.3195 by changing the saturation by 10% instead.

85.3485, 0.2859,
0.3195

85.3485, 0.2859,
0.3195

512.7805, 0.2979,
0.3239

64.1294, 0.2833,
0.3185

140.8600, 0.2900,
0.3210

46.7555, 0.2801,
0.3173

175.9211, 0.2916,
0.3216

32.8424, 0.2761,
0.3157

216.3651, 0.2930,
0.3221

22.0057, 0.2710,
0.3137

262.5762, 0.2942,
0.3226

13.8611, 0.2643,
0.3109

314.9389, 0.2953,
0.3230

8.0241, 0.2551,
0.3069

373.8376, 0.2962,

4.1104, 0.2415,

0.3233

0.3008

439.6567, 0.2971,
0.3236

■ 1.7355, 0.2199,
0.2903

■ 0.4465, 0.1142,
0.2629

■ 85.3485, 0.2859,
0.3195

■ 85.3485, 0.2859,
0.3195

■ 78.8729, 0.2711,
0.3134

■ 92.5051, 0.3012,
0.3251

■ 73.0394, 0.2571,
0.3068

■ 99.4800, 0.3139,
0.3303

■ 67.8209, 0.2444,
0.2998

■ 99.8745, 0.3138,
0.3309

■ 63.1842, 0.2331,
0.2925

■ 59.0923, 0.2235,
0.2850

■ 55.5033, 0.2159,
0.2774

■ 52.3681, 0.2103,
0.2698

■ 49.6227, 0.2065,
0.2623

■ 48.9525, 0.2057,
0.2604

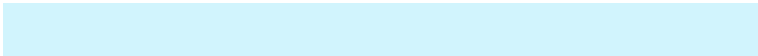
Harmonies

Analogous

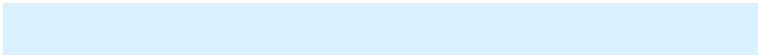
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.3485, 0.2921, 0.3324



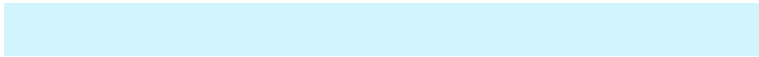
85.3485, 0.2859, 0.3195



85.3485, 0.2867, 0.3096

Triad

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



85.3485, 0.2859, 0.3195



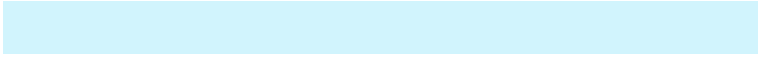
85.3485, 0.3213, 0.3141



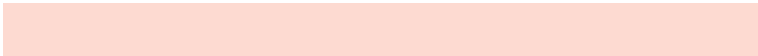
85.3485, 0.3312, 0.3536

Complementary

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



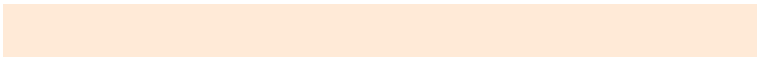
85.3485, 0.2859, 0.3195



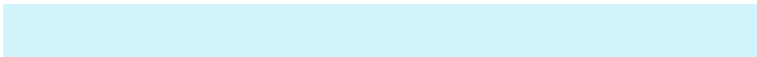
75.6360, 0.3449, 0.3383

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.



85.3485, 0.3394, 0.3480



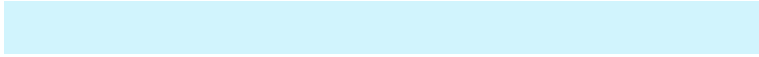
85.3485, 0.2859, 0.3195



85.3485, 0.3336, 0.3252

Square

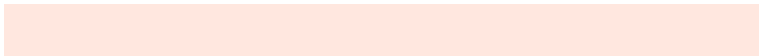
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.3485, 0.2859, 0.3195



85.3485, 0.3068, 0.3068



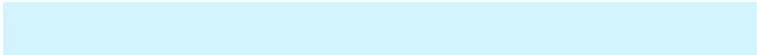
85.3485, 0.3403, 0.3375



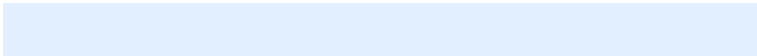
85.3485, 0.3181, 0.3525

Rectangle

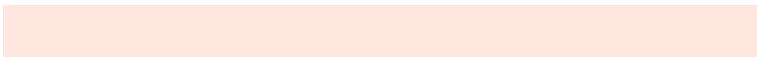
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.3485, 0.2859, 0.3195



85.3485, 0.2910, 0.3059



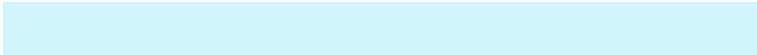
85.3485, 0.3403, 0.3375



85.3485, 0.3346, 0.3524

Sweetspot

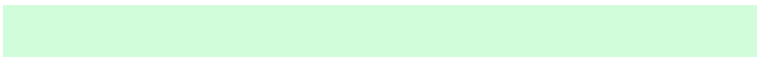
The Sweet Spot groups the original color and five complimentary colors.



85.3520, 0.2859, 0.3195



96.0056, 0.3049, 0.3264



88.8780, 0.3055, 0.3667



20.4321, 0.3039, 0.3261



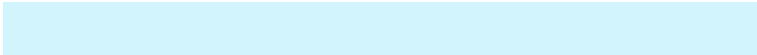
0.0000, 0.0000, 0.0000



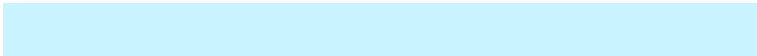
21.4041, 0.3127, 0.3290

Same Dimension

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



85.3520, 0.2859, 0.3195



84.4165, 0.2805, 0.3174



72.9894, 0.2847, 0.2961



19.8119, 0.2980, 0.3240



26.2467, 0.2060, 0.2616



2.7075, 0.2084, 0.2702

Inverse Universe

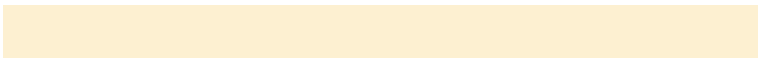
The Inverse Universe completely reimagines the original color for something new.



73.0085, 0.3210, 0.2942



69.7766, 0.3229, 0.2868



87.7063, 0.3411, 0.3599



18.2328, 0.3170, 0.3103



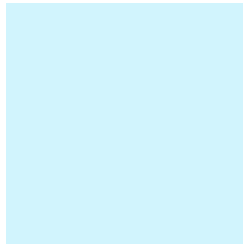
13.3776, 0.3808, 0.1872



1.3179, 0.3727, 0.1827

Previews

White Background



This preview shows how the Yxy color 85.3485, 0.2859, 0.3195 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 85.3485, 0.2859, 0.3195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

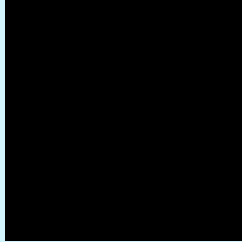
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 85.3485, 0.2859, 0.3195

Background



This preview shows how black text looks on a background with the Yxy color 85.3485, 0.2859, 0.3195.

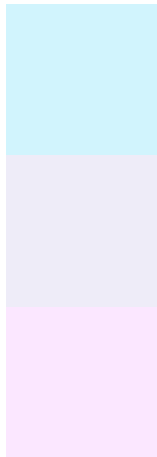


This preview shows how white text looks on a background with the Yxy color 85.3485, 0.2859, 0.3195.

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

85.3485, 0.2859, 0.3195

Protanopia

84.9454, 0.3067, 0.3169

Deuteranopia

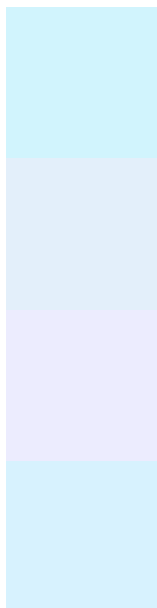
84.8811, 0.3111, 0.3056



Tritanopia

85.1907, 0.2907, 0.3146

Trichromacy



Original Color

85.3485, 0.2859, 0.3195

Protanomaly

84.9660, 0.2984, 0.3177

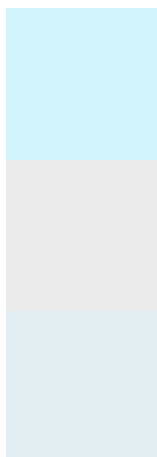
Deuteranomaly

84.9795, 0.3018, 0.3110

Tritanomaly

85.1071, 0.2889, 0.3165

Monochromacy



Original Color

85.3485, 0.2859, 0.3195

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

83.7286, 0.3025, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.3485, 0.2859, 0.3195 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, 244, 253)` looks like.

```
.text, #text, p{  
    color:rgb(209, 244, 253)  
}
```

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, 244, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 244, 253) }
```

Border

The CSS property to change the border of an element to Yxy 85.3485, 0.2859, 0.3195 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, 244, 253) }
```

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

```
.border{ border-color:rgb(209, 244, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 244, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 244, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 244, 253);  
box-shadow:4px 4px 4px 4px rgb(209, 244,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 85.3485, 0.2859, 0.3195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 244, 253) }
```

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

```
.background{ background-color: rgb(209,  
244, 253) }
```

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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