

Converting Colors

$Yxy(84.0340, 0.2875, 0.3184)$

Have a look what the booklet for
Yxy(84.0340, 0.2875, 0.3184)
contains.

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Color

Yxy(84.3814, 0.2876, 0.3185)

Conversions

Conversions Part 1

Format	Color
Hex	D3F2FC
RGB	211, 242, 252
RGB Percent	83%, 95%, 99%
CMY	0.1724, 0.0510, 0.0118
CMYK	0.16, 0.04, 0.00, 0.01
HSL	195°, 87%, 91%
HSV	195°, 16%, 99%
XYZ	76.1949, 84.3814, 104.3574
YIQ	233.8710, -21.6860, -3.4620

Conversions

Conversions Part 2

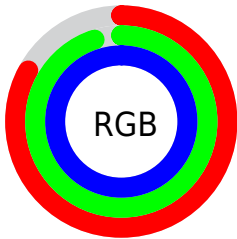
Format	Color
R _Y B	211, 229, 252
Decimal	13890300
CIE Lab	93.62, -8.00, -8.20
CIE LCh	94, 11.456, 225.684
Yxy	84.3814, 0.2876, 0.3185
Android (android.graphics.Color)	4292080380 (0xFFD3F2FC)
YUV	233.8710, 8.9376, -20.0579
Hunter-Lab	91.8593, -12.6927, -3.0552

Details

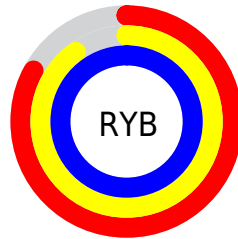
The Yxy color **84.3814, 0.2876, 0.3185** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.1347, 0.3421, 0.3393**, and the grayscale version is **82.1276, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.1259, 0.2824, 0.3168** is the 20% darker color. If you saturate the color by 10%, you get **77.3485, 0.2725, 0.3112**, and if you desaturate by 10%, it is **92.1279, 0.3030, 0.3252**.

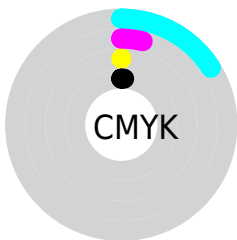
Distribution



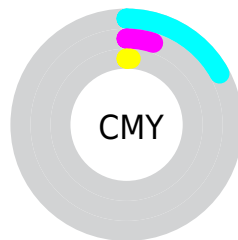
- Red (83%)
- Green (95%)
- Blue (99%)



- Red (83%)
- Yellow (90%)
- Blue (99%)



- Cyan (16%)
- Magenta (4%)
- Yellow (0%)
- Black (1%)



- Cyan (17%)
- Magenta (5%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.3814, 0.2876, 0.3185 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 84.3814, 0.2876, 0.3185 by changing the saturation by 10% instead.

84.3814, 0.2876,
0.3185

84.3814, 0.2876,
0.3185

509.5789, 0.2988,
0.3233

63.3304, 0.2851,
0.3174

139.5086, 0.2914,
0.3202

46.1085, 0.2821,
0.3160

174.3535, 0.2929,
0.3208

32.3315, 0.2784,
0.3143

214.5652, 0.2942,
0.3214

21.6148, 0.2735,
0.3121

260.5281, 0.2954,
0.3219

13.5741, 0.2672,
0.3091

312.6265, 0.2964,
0.3223

7.8251, 0.2584,
0.3048

371.2448, 0.2973,

3.9832, 0.2455,

0.3227

0.2983

436.7675, 0.2981,
0.3230

1.6642, 0.2246,
0.2870

0.4003, 0.1160,
0.2510

84.3814, 0.2876,
0.3185

84.3814, 0.2876,
0.3185

77.3485, 0.2725,
0.3112

92.1279, 0.3030,
0.3252

70.9904, 0.2581,
0.3034

99.3610, 0.3145,
0.3312

65.2802, 0.2448,
0.2950

99.8077, 0.3144,
0.3319

60.1847, 0.2328,
0.2862

■ 55.6673, 0.2225,
0.2772

■ 51.6867, 0.2140,
0.2680

■ 48.1947, 0.2076,
0.2588

■ 45.1317, 0.2031,
0.2498

■ 44.0595, 0.2018,
0.2464

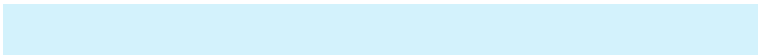
Harmonies

Analogous

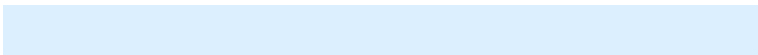
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.3814, 0.2924, 0.3302



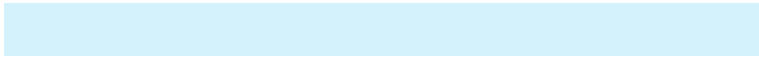
84.3814, 0.2876, 0.3185



84.3814, 0.2894, 0.3100

Triad

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



84.3814, 0.2876, 0.3185



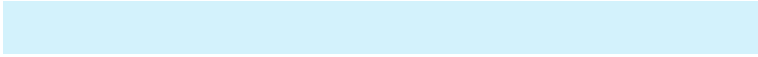
84.3814, 0.3227, 0.3167



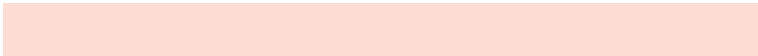
84.3814, 0.3280, 0.3520

Complementary

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



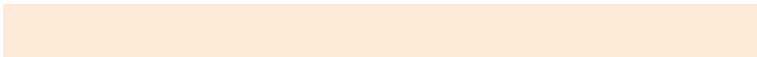
84.3814, 0.2876, 0.3185



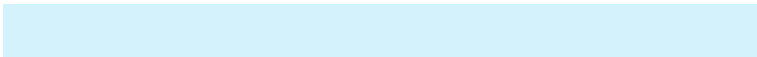
77.1347, 0.3421, 0.3393

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.



84.3814, 0.3365, 0.3477



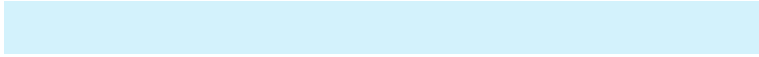
84.3814, 0.2876, 0.3185



84.3814, 0.3334, 0.3274

Square

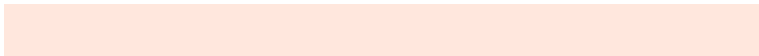
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.3814, 0.2876, 0.3185



84.3814, 0.3095, 0.3092



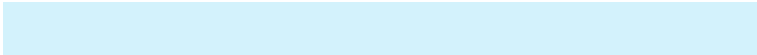
84.3814, 0.3385, 0.3387



84.3814, 0.3155, 0.3499

Rectangle

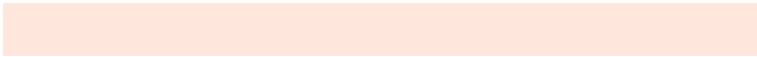
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



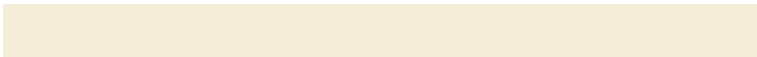
84.3814, 0.2876, 0.3185



84.3814, 0.2941, 0.3072



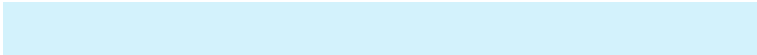
84.3814, 0.3385, 0.3387



84.3814, 0.3314, 0.3512

Sweetspot

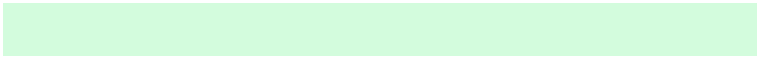
The Sweet Spot groups the original color and five complimentary colors.



84.3849, 0.2876, 0.3185



95.6916, 0.3050, 0.3259



88.6699, 0.3053, 0.3624



20.3556, 0.3039, 0.3255



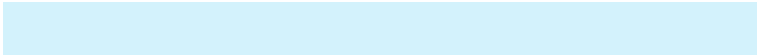
0.0000, 0.0000, 0.0000



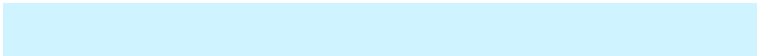
21.4041, 0.3127, 0.3290

Same Dimension

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



84.3849, 0.2876, 0.3185



84.6248, 0.2834, 0.3166



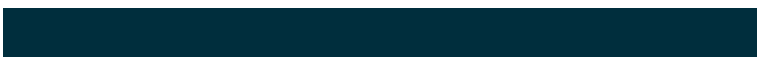
73.1079, 0.2867, 0.2970



18.8485, 0.2980, 0.3231



23.1960, 0.2022, 0.2479



2.3134, 0.2052, 0.2587

Inverse Universe

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



73.7163, 0.3215, 0.2982



72.1494, 0.3232, 0.2927



88.3526, 0.3389, 0.3591



17.4479, 0.3175, 0.3112



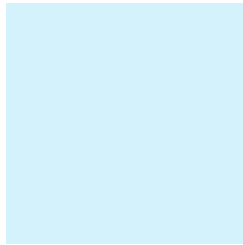
12.7526, 0.3943, 0.1946



1.1978, 0.3836, 0.1887

Previews

White Background



This preview shows how the Yxy color 84.3814, 0.2876, 0.3185 looks on a white background.

Color Contrast Check

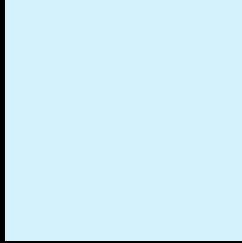
Large Text (above 18pt) WCAG AA × Fail

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 84.3814, 0.2876, 0.3185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

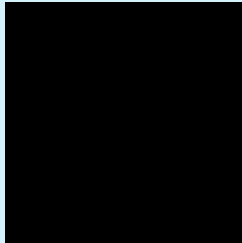
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

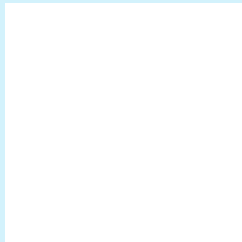
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.3814, 0.2876, 0.3185

Background



This preview shows how black text looks on a background with the Yxy color 84.3814, 0.2876, 0.3185.

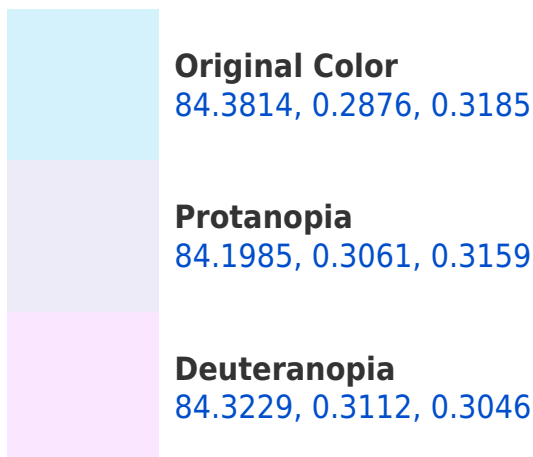


This preview shows how white text looks on a background with the Yxy color 84.3814, 0.2876, 0.3185.

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

84.4456, 0.2900, 0.3135

Trichromacy



Original Color

84.3814, 0.2876, 0.3185

Protanomaly

84.4826, 0.2996, 0.3177

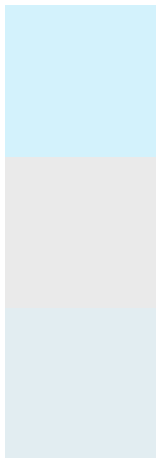
Deuteranomaly

83.8343, 0.3018, 0.3089

Tritanomaly

84.5134, 0.2888, 0.3155

Monochromacy



Original Color

84.3814, 0.2876, 0.3185

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

83.0880, 0.3031, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.3814, 0.2876, 0.3185 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(211, 242, 252)` looks like.

```
.text, #text, p{  
    color:rgb(211, 242, 252)  
}
```

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(211, 242, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 242, 252) }
```

Border

The CSS property to change the border of an element to Yxy 84.3814, 0.2876, 0.3185 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(211, 242, 252) }
```

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

```
.border{ border-color:rgb(211, 242, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 242, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 242, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 242, 252);  
box-shadow:4px 4px 4px 4px rgb(211, 242,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 84.3814, 0.2876, 0.3185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 242, 252) }
```

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

```
.background{ background-color: rgb(211,  
242, 252) }
```

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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