

Converting Colors

$Yxy(84.8062, 0.2877, 0.3165)$

Have a look what the booklet for
Yxy(84.8062, 0.2877, 0.3165)
contains.

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Color

Yxy(84.8062, 0.2877, 0.3165)

Conversions

Conversions Part 1

Format	Color
Hex	D5F2FE
RGB	213, 242, 254
RGB Percent	84%, 95%, 100%
CMY	0.1645, 0.0510, 0.0040
CMYK	0.16, 0.05, 0.00, 0.00
HSL	198°, 95%, 92%
HSV	198°, 16%, 100%
XYZ	77.0892, 84.8062, 106.0546
YIQ	234.6970, -21.1360, -2.4160

Conversions

Conversions Part 2

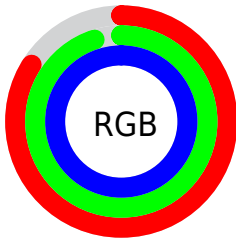
Format	Color
R _Y B	213, 230, 254
Decimal	14021374
CIE Lab	93.80, -6.98, -8.94
CIE LCh	94, 11.348, 232.010
Yxy	84.8062, 0.2877, 0.3165
Android (android.graphics.Color)	4292211454 (0xFFD5F2FE)
YUV	234.6970, 9.5164, -19.0283
Hunter-Lab	92.0903, -11.7347, -3.8174

Details

The Yxy color **84.8062, 0.2877, 0.3165** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.7419, 0.3415, 0.3412**, and the grayscale version is **82.7810, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.4181, 0.2825, 0.3142** is the 20% darker color. If you saturate the color by 10%, you get **76.9663, 0.2724, 0.3077**, and if you desaturate by 10%, it is **93.4279, 0.3032, 0.3245**.

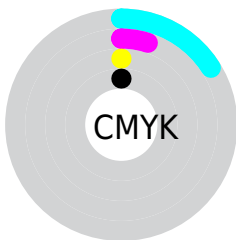
Distribution



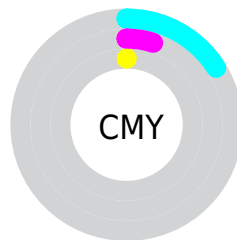
- Red (84%)
- Green (95%)
- Blue (100%)



- Red (84%)
- Yellow (90%)
- Blue (100%)



- Cyan (16%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.8062, 0.2877, 0.3165 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 84.8062, 0.2877, 0.3165 by changing the saturation by 10% instead.

84.8062, 0.2877,
0.3165

84.8062, 0.2877,
0.3165

510.9866, 0.2989,
0.3222

63.6813, 0.2852,
0.3152

140.1024, 0.2915,
0.3185

46.3926, 0.2822,
0.3136

175.0424, 0.2930,
0.3192

32.5557, 0.2785,
0.3116

215.3562, 0.2943,
0.3199

21.7863, 0.2737,
0.3090

261.4283, 0.2954,
0.3205

13.7000, 0.2674,
0.3056

313.6430, 0.2965,
0.3210

7.9123, 0.2587,
0.3006

372.3846, 0.2974,

4.0389, 0.2459,

0.3215

0.2931

438.0377, 0.2982,
0.3219

■ 1.6953, 0.2254,
0.2804

■ 0.4206, 0.1319,
0.2420

■ 84.8062, 0.2877,
0.3165

■ 84.8062, 0.2877,
0.3165

■ 76.9663, 0.2724,
0.3077

■ 93.4279, 0.3032,
0.3245

■ 69.8679, 0.2576,
0.2982

99.9345, 0.3133,
0.3300

■ 63.4828, 0.2437,
0.2881

■ 57.7760, 0.2310,
0.2774

■ 52.7095, 0.2199,
0.2664

■ 48.2402, 0.2108,
0.2552

■ 44.3180, 0.2036,
0.2440

■ 40.8814, 0.1985,
0.2329

■ 39.6428, 0.1969,
0.2287

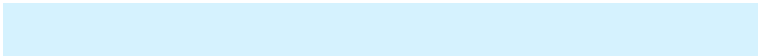
Harmonies

Analogous

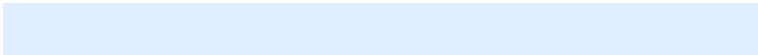
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.8062, 0.2911, 0.3276



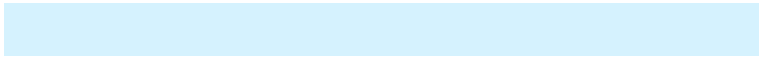
84.8062, 0.2877, 0.3165



84.8062, 0.2908, 0.3091

Triad

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



84.8062, 0.2877, 0.3165



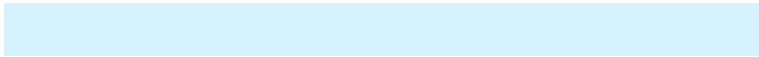
84.8062, 0.3252, 0.3189



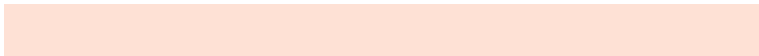
84.8062, 0.3255, 0.3518

Complementary

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



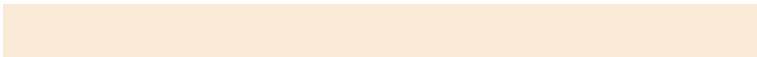
84.8062, 0.2877, 0.3165



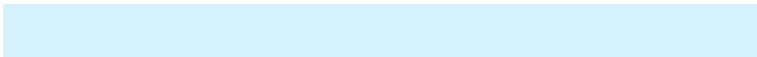
79.7419, 0.3415, 0.3412

Split Complementary

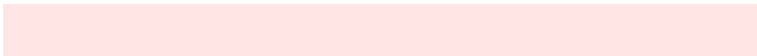
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.8062, 0.3349, 0.3489



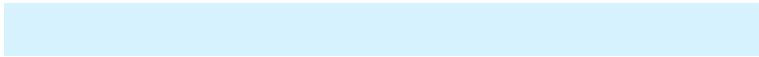
84.8062, 0.2877, 0.3165



84.8062, 0.3348, 0.3298

Square

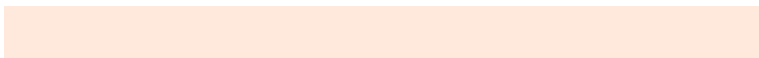
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.8062, 0.2877, 0.3165



84.8062, 0.3123, 0.3106



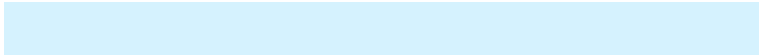
84.8062, 0.3384, 0.3407



84.8062, 0.3127, 0.3484

Rectangle

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



84.8062, 0.2877, 0.3165



84.8062, 0.2963, 0.3071



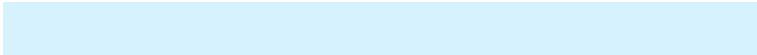
84.8062, 0.3384, 0.3407



84.8062, 0.3292, 0.3515

Sweetspot

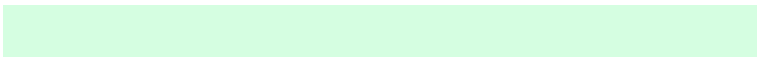
The Sweet Spot groups the original color and five complimentary colors.



84.8097, 0.2877, 0.3165



95.3028, 0.3050, 0.3253



90.4416, 0.3042, 0.3599



20.2609, 0.3039, 0.3248



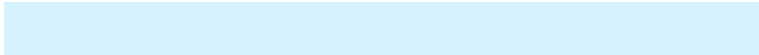
0.0000, 0.0000, 0.0000



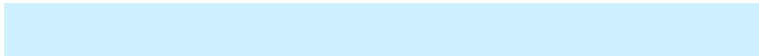
21.4041, 0.3127, 0.3290

Same Dimension

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



84.8097, 0.2877, 0.3165



83.2213, 0.2832, 0.3141



73.5061, 0.2868, 0.2951



19.5302, 0.2980, 0.3219



21.1714, 0.1974, 0.2305



2.2506, 0.2009, 0.2430

Inverse Universe

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



75.0904, 0.3228, 0.3003



72.0077, 0.3248, 0.2950



91.2463, 0.3383, 0.3608



18.2044, 0.3183, 0.3123



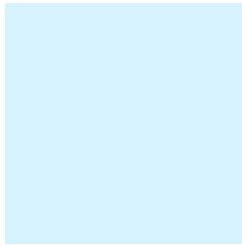
12.8652, 0.4122, 0.2044



1.2717, 0.3992, 0.1973

Previews

White Background



This preview shows how the Yxy color 84.8062, 0.2877, 0.3165 looks on a white background.

Color Contrast Check

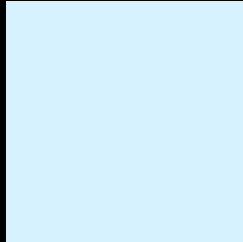
Large Text (above 18pt) WCAG AA × Fail

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 84.8062, 0.2877, 0.3165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

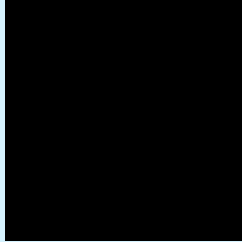
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

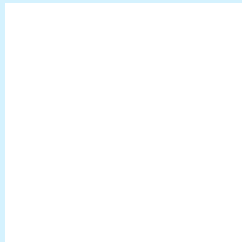
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.8062, 0.2877, 0.3165

Background



This preview shows how black text looks on a background with the Yxy color 84.8062, 0.2877, 0.3165.

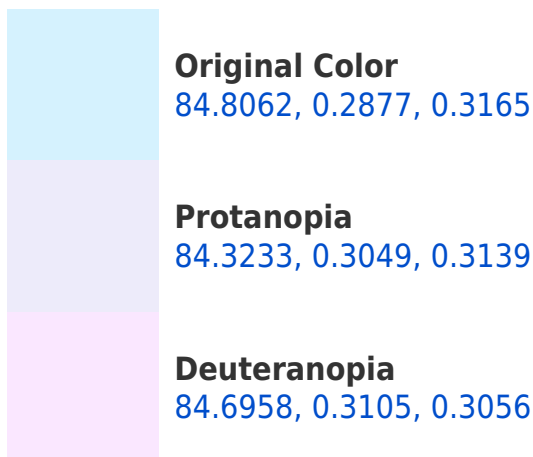


This preview shows how white text looks on a background with the Yxy color 84.8062, 0.2877, 0.3165.

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

84.7558, 0.2913, 0.3136

Trichromacy



Original Color

84.8062, 0.2877, 0.3165

Protanomaly

84.6081, 0.2985, 0.3157

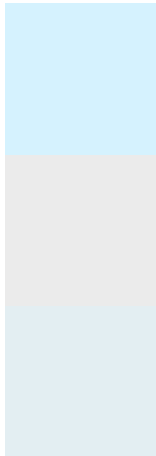
Deuteranomaly

84.6412, 0.3019, 0.3090

Tritanomaly

84.8823, 0.2895, 0.3145

Monochromacy



Original Color

84.8062, 0.2877, 0.3165

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

83.8908, 0.3031, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.8062, 0.2877, 0.3165 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(213, 242, 254)` looks like.

```
.text, #text, p{  
    color:rgb(213, 242, 254)  
}
```

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(213, 242, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 242, 254) }
```

Border

The CSS property to change the border of an element to Yxy 84.8062, 0.2877, 0.3165 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(213, 242, 254) }
```

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

```
.border{ border-color:rgb(213, 242, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 242, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 242, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 242, 254);  
box-shadow:4px 4px 4px 4px rgb(213, 242,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 84.8062, 0.2877, 0.3165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 242, 254) }
```

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

```
.background{ background-color: rgb(213,  
242, 254) }
```

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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