

Converting Colors

$Yxy(85.9392, 0.2766, 0.3217)$

Have a look what the booklet for
Yxy(85.9392, 0.2766, 0.3217)
contains.

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Color

Yxy(85.8241, 0.2767, 0.3215)

Conversions

Conversions Part 1

Format	Color
Hex	C2F8FF
RGB	194, 248, 255
RGB Percent	76%, 97%, 100%
CMY	0.2392, 0.0274, 0.0001
CMYK	0.24, 0.03, 0.00, 0.00
HSL	187°, 100%, 88%
HSV	187°, 24%, 100%
XYZ	73.8648, 85.8241, 107.2601
YIQ	232.6520, -34.4310, -9.2710

Conversions

Conversions Part 2

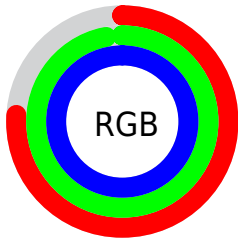
Format	Color
RYB	194, 223, 255
Decimal	12777727
CIELab	94.24, -15.46, -8.94
CIElCh	94, 17.862, 210.024
Yxy	85.8241, 0.2767, 0.3215
Android (android.graphics.Color)	4290967807 (0xFFC2F8FF)
YUV	232.6520, 11.0176, -33.8978
Hunter-Lab	92.6413, -19.8006, -3.7971

Details

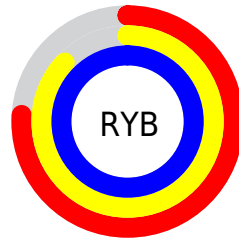
The Yxy color **85.8241, 0.2767, 0.3215** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.9194, 0.3612, 0.3364**, and the grayscale version is **81.1485, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **47.2655, 0.2692, 0.3206** is the 20% darker color. If you saturate the color by 10%, you get **80.9585, 0.2631, 0.3179**, and if you desaturate by 10%, it is **91.3034, 0.2913, 0.3248**.

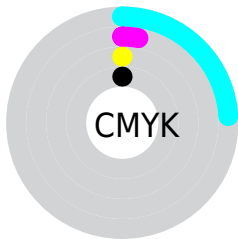
Distribution



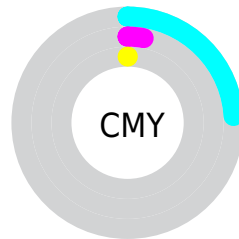
- Red (76%)
- Green (97%)
- Blue (100%)



- Red (76%)
- Yellow (87%)
- Blue (100%)



- Cyan (24%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 85.8241, 0.2767, 0.3215 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 85.8241, 0.2767, 0.3215 by changing the saturation by 10% instead.

85.8241, 0.2767,
0.3215

85.8241, 0.2767,
0.3215

514.3510, 0.2927,
0.3251

64.5225, 0.2732,
0.3207

141.5240, 0.2821,
0.3228

47.0740, 0.2689,
0.3196

176.6911, 0.2843,
0.3233

33.0942, 0.2637,
0.3182

217.2489, 0.2861,
0.3237

22.1986, 0.2570,
0.3164

263.5817, 0.2878,
0.3240

14.0029, 0.2482,
0.3139

316.0739, 0.2892,
0.3244

8.1227, 0.2361,
0.3103

375.1099, 0.2905,

4.1736, 0.2187,

0.3246

441.0742, 0.2917,
0.3249

0.3045

1.7711, 0.1913,
0.2940

0.4691, 0.0406,
0.2787

85.8241, 0.2767,
0.3215

85.8241, 0.2767,
0.3215

80.9585, 0.2631,
0.3179

91.3034, 0.2913,
0.3248

76.6664, 0.2507,
0.3142

97.4136, 0.3066,
0.3279

72.9192, 0.2400,
0.3103

99.9986, 0.3127,
0.3290

69.6812, 0.2310,
0.3063

■ 66.9123, 0.2240,
0.3022

■ 64.5660, 0.2189,
0.2982

■ 62.5856, 0.2157,
0.2942

■ 61.5094, 0.2144,
0.2918

Harmonies

Analogous

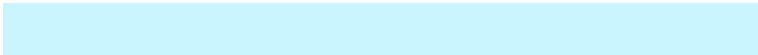
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.8241, 0.2886, 0.3406



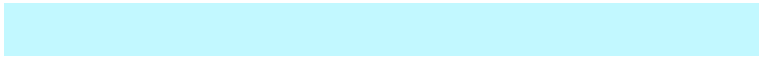
85.8241, 0.2767, 0.3215



85.8241, 0.2742, 0.3054

Triad

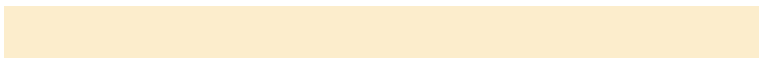
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.8241, 0.2767, 0.3215



85.8241, 0.3175, 0.3034



85.8241, 0.3443, 0.3623

Complementary

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



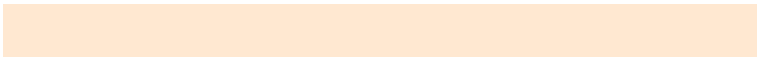
85.8241, 0.2767, 0.3215



66.9194, 0.3612, 0.3364

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.



85.8241, 0.3528, 0.3510



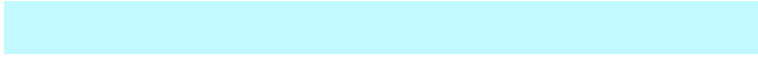
85.8241, 0.2767, 0.3215



85.8241, 0.3370, 0.3174

Square

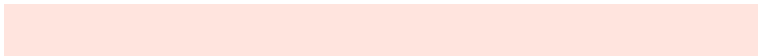
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.8241, 0.2767, 0.3215



85.8241, 0.2972, 0.2957



85.8241, 0.3501, 0.3346



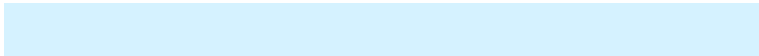
85.8241, 0.3274, 0.3647

Rectangle

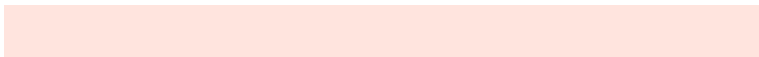
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.8241, 0.2767, 0.3215



85.8241, 0.2780, 0.2983



85.8241, 0.3501, 0.3346



85.8241, 0.3483, 0.3594

Sweetspot

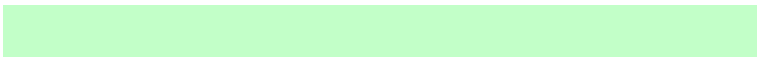
The Sweet Spot groups the original color and five complimentary colors.



85.8276, 0.2767, 0.3215



95.4746, 0.3018, 0.3270



87.1525, 0.3062, 0.3899



20.3552, 0.3009, 0.3268



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.



85.8276, 0.2767, 0.3215



83.2912, 0.2696, 0.3197



69.0406, 0.2740, 0.2889



20.1056, 0.2980, 0.3262



32.2880, 0.2146, 0.2925



3.2403, 0.2158, 0.2970

Inverse Universe

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



66.6238, 0.3205, 0.2757



61.0152, 0.3225, 0.2642



82.0756, 0.3543, 0.3661



18.2625, 0.3156, 0.3082



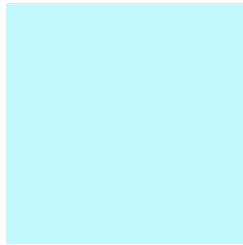
13.9875, 0.3521, 0.1713



1.3717, 0.3481, 0.1691

Previews

White Background



This preview shows how the Yxy color 85.8241, 0.2767, 0.3215 looks on a white background.

Color Contrast Check

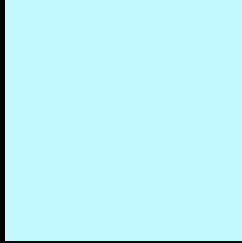
Large Text (above 18pt) WCAG AA × Fail

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 85.8241, 0.2767, 0.3215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

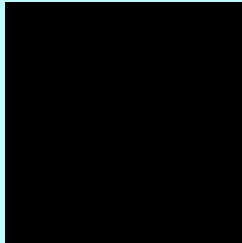
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 85.8241, 0.2767, 0.3215

Background



This preview shows how black text looks on a background with the Yxy color 85.8241, 0.2767, 0.3215.

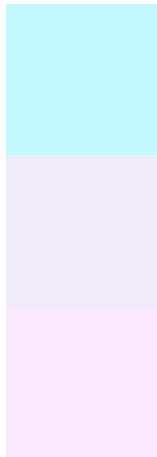


This preview shows how white text looks on a background with the Yxy color 85.8241, 0.2767, 0.3215.

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

85.8241, 0.2767, 0.3215

Protanopia

85.1189, 0.3073, 0.3170

Deuteranopia

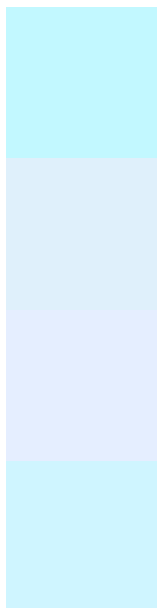
85.0730, 0.3098, 0.3065



Tritanopia

85.6173, 0.2878, 0.3165

Trichromacy



Original Color

85.8241, 0.2767, 0.3215

Protanomaly

84.9732, 0.2954, 0.3177

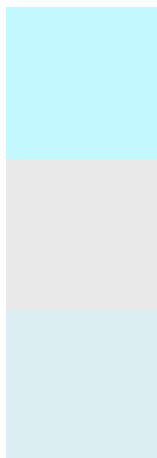
Deuteranomaly

85.0271, 0.2968, 0.3118

Tritanomaly

85.7902, 0.2838, 0.3185

Monochromacy



Original Color

85.8241, 0.2767, 0.3215

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

82.5600, 0.2986, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.8241, 0.2767, 0.3215 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(194, 248, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 248, 255)  
}
```

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(194, 248, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 248, 255) }
```

Border

The CSS property to change the border of an element to Yxy 85.8241, 0.2767, 0.3215 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(194, 248, 255) }
```

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

```
.border{ border-color:rgb(194, 248, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 248, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 248, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 248, 255);  
box-shadow:4px 4px 4px 4px rgb(194, 248,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 85.8241, 0.2767, 0.3215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 248, 255) }
```

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

```
.background{ background-color: rgb(194,  
248, 255) }
```

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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