

Converting Colors

$Yxy(85.0912, 0.2765, 0.3202)$

Have a look what the booklet for
Yxy(85.0912, 0.2765, 0.3202)
contains.

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Color

Yxy(85.2109, 0.2766, 0.3204)

Conversions

Conversions Part 1

Format	Color
Hex	C2F7FF
RGB	194, 247, 255
RGB Percent	76%, 97%, 100%
CMY	0.2391, 0.0314, 0.0000
CMYK	0.24, 0.03, 0.00, 0.00
HSL	188°, 100%, 88%
HSV	188°, 24%, 100%
XYZ	73.5622, 85.2109, 107.1785
YIQ	232.0650, -34.1560, -8.7480

Conversions

Conversions Part 2

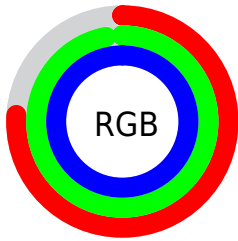
Format	Color
RYB	194, 222, 255
Decimal	12777471
CIELab	93.97, -14.96, -9.34
CIElCh	94, 17.636, 211.981
Yxy	85.2109, 0.2766, 0.3204
Android (android.graphics.Color)	4290967551 (0xFFC2F7FF)
YUV	232.0650, 11.3070, -33.3830
Hunter-Lab	92.3098, -19.2943, -4.2233

Details

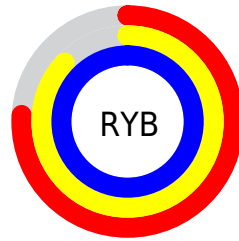
The Yxy color **85.2109, 0.2766, 0.3204** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.4058, 0.3609, 0.3374**, and the grayscale version is **80.6847, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **46.8278, 0.2691, 0.3192** is the 20% darker color. If you saturate the color by 10%, you get **80.0967, 0.2628, 0.3163**, and if you desaturate by 10%, it is **90.9473, 0.2913, 0.3242**.

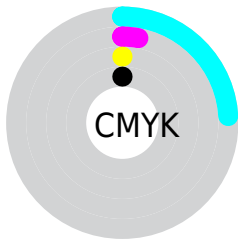
Distribution



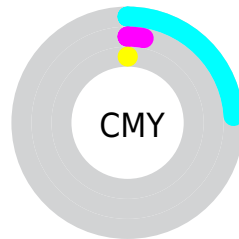
- Red (76%)
- Green (97%)
- Blue (100%)



- 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 85.2109, 0.2766, 0.3204 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 85.2109, 0.2766, 0.3204 by changing the saturation by 10% instead.

85.2109, 0.2766,
0.3204

85.2109, 0.2766,
0.3204

512.3257, 0.2927,
0.3245

64.0157, 0.2731,
0.3194

140.6678, 0.2820,
0.3218

46.6634, 0.2688,
0.3182

175.6982, 0.2842,
0.3224

32.7696, 0.2635,
0.3167

216.1092, 0.2861,
0.3229

21.9500, 0.2568,
0.3147

262.2851, 0.2877,
0.3233

13.8202, 0.2479,
0.3119

314.6103, 0.2892,
0.3237

7.9957, 0.2358,
0.3078

373.4692, 0.2905,

4.0922, 0.2181,

0.3240

0.3014

439.2462, 0.2916,
0.3243

1.7253, 0.1905,
0.2899

0.4399, 0.0324,
0.2691

85.2109, 0.2766,
0.3204

85.2109, 0.2766,
0.3204

80.0967, 0.2628,
0.3163

90.9473, 0.2913,
0.3242

75.5651, 0.2503,
0.3120

97.3236, 0.3066,
0.3277

71.5870, 0.2394,
0.3075

100.0000, 0.3127,
0.3290

68.1268, 0.2302,
0.3029

■ 65.1442, 0.2229,
0.2982

■ 62.5928, 0.2177,
0.2935

■ 60.4156, 0.2142,
0.2889

■ 59.2245, 0.2128,
0.2861

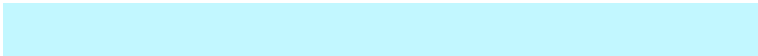
Harmonies

Analogous

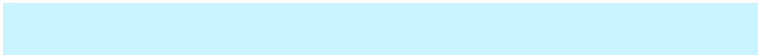
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.2109, 0.2878, 0.3392



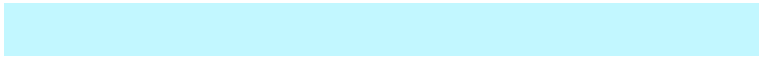
85.2109, 0.2766, 0.3204



85.2109, 0.2748, 0.3048

Triad

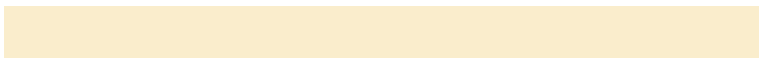
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.2109, 0.2766, 0.3204



85.2109, 0.3188, 0.3044



85.2109, 0.3431, 0.3624

Complementary

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



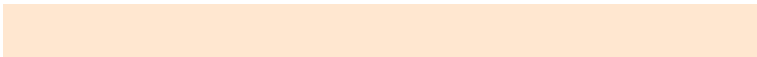
85.2109, 0.2766, 0.3204



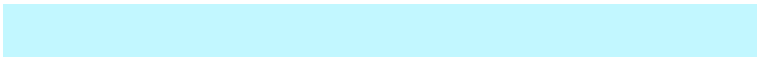
67.4058, 0.3609, 0.3374

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.



85.2109, 0.3521, 0.3517



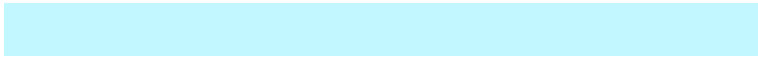
85.2109, 0.2766, 0.3204



85.2109, 0.3379, 0.3186

Square

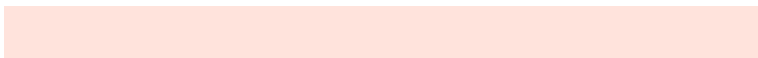
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.2109, 0.2766, 0.3204



85.2109, 0.2986, 0.2963



85.2109, 0.3502, 0.3357



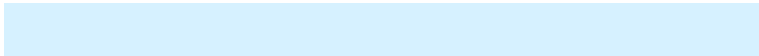
85.2109, 0.3260, 0.3641

Rectangle

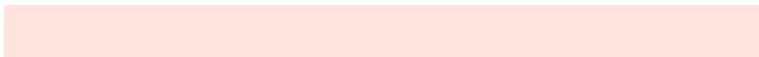
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



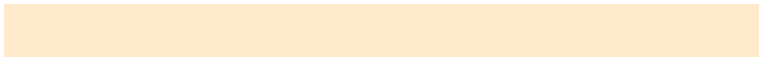
85.2109, 0.2766, 0.3204



85.2109, 0.2790, 0.2982



85.2109, 0.3502, 0.3357



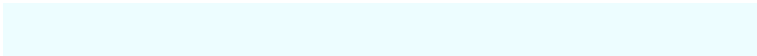
85.2109, 0.3472, 0.3597

Sweetspot

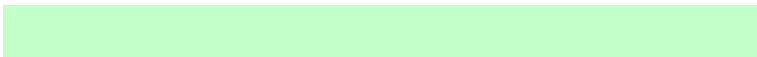
The Sweet Spot groups the original color and five complimentary colors.



85.2142, 0.2766, 0.3204



95.2855, 0.3018, 0.3267



87.2153, 0.3056, 0.3887



20.3113, 0.3009, 0.3265



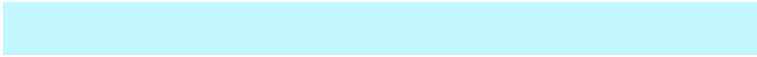
0.0000, 0.0000, 0.0000



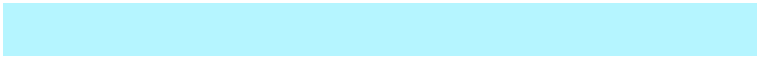
21.4041, 0.3127, 0.3290

Same Dimension

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



85.2142, 0.2766, 0.3204



82.5362, 0.2695, 0.3184



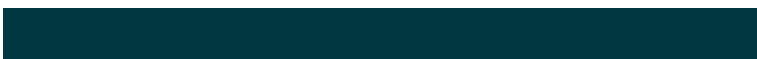
68.5219, 0.2739, 0.2877



20.0509, 0.2980, 0.3258



31.1045, 0.2130, 0.2869



3.1367, 0.2145, 0.2921

Inverse Universe

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



66.5679, 0.3213, 0.2766



60.9390, 0.3235, 0.2653



82.6579, 0.3541, 0.3671



18.2570, 0.3158, 0.3086



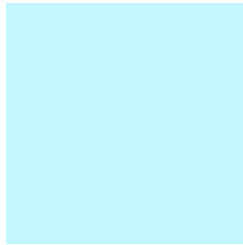
13.8680, 0.3572, 0.1741



1.3612, 0.3524, 0.1715

Previews

White Background



This preview shows how the Yxy color 85.2109, 0.2766, 0.3204 looks on a white background.

Color Contrast Check

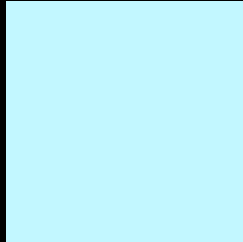
Large Text (above 18pt) WCAG AA × Fail

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 85.2109, 0.2766, 0.3204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

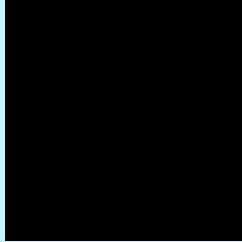
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 85.2109, 0.2766, 0.3204

Background



This preview shows how black text looks on a background with the Yxy color 85.2109, 0.2766, 0.3204.

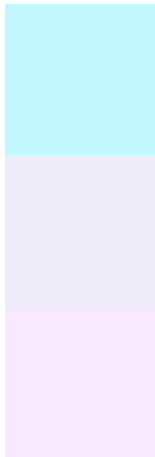


This preview shows how white text looks on a background with the Yxy color 85.2109, 0.2766, 0.3204.

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

85.2109, 0.2766, 0.3204

Protanopia

84.9454, 0.3067, 0.3169

Deuteranopia

84.8897, 0.3091, 0.3065



Tritanopia

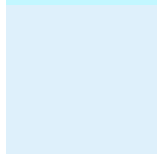
84.8704, 0.2871, 0.3155

Trichromacy



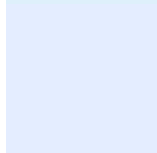
Original Color

85.2109, 0.2766, 0.3204



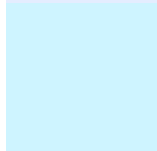
Protanomaly

84.8148, 0.2947, 0.3177



Deuteranomaly

84.2824, 0.2961, 0.3107



Tritanomaly

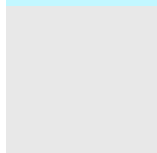
85.0432, 0.2831, 0.3174

Monochromacy



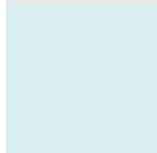
Original Color

85.2109, 0.2766, 0.3204



Achromatopsia

80.6952, 0.3127, 0.3290



Achromatomaly

81.7651, 0.2986, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.2109, 0.2766, 0.3204 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, 247, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 247, 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, 247, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 247, 255) }
```

Border

The CSS property to change the border of an element to Yxy 85.2109, 0.2766, 0.3204 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, 247, 255) }
```

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

```
.border{ border-color:rgb(194, 247, 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, 247, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 247, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 247, 255);  
box-shadow:4px 4px 4px 4px rgb(194, 247,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 85.2109, 0.2766, 0.3204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 247, 255) }
```

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

```
.background{ background-color: rgb(194,  
247, 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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