

Converting Colors

$Yxy(84.8112, 0.2805, 0.3181)$

Have a look what the booklet for
Yxy(84.8112, 0.2805, 0.3181)
contains.

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Color

Yxy(84.9423, 0.2803, 0.3184)

Conversions

Conversions Part 1

Format	Color
Hex	C9F5FF
RGB	201, 245, 255
RGB Percent	79%, 96%, 100%
CMY	0.2120, 0.0391, 0.0000
CMYK	0.21, 0.04, 0.00, 0.00
HSL	191°, 100%, 89%
HSV	191°, 21%, 100%
XYZ	74.7780, 84.9423, 107.0582
YIQ	232.9840, -29.4340, -6.2180

Conversions

Conversions Part 2

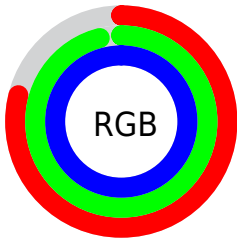
Format	Color
R _Y B	201, 225, 255
Decimal	13235711
CIE Lab	93.86, -11.95, -9.47
CIE LCh	94, 15.241, 218.394
Yxy	84.9423, 0.2803, 0.3184
Android (android.graphics.Color)	4291425791 (0xFFC9F5FF)
YUV	232.9840, 10.8539, -28.0500
Hunter-Lab	92.1641, -16.4600, -4.3566

Details

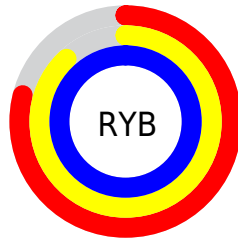
The Yxy color **84.9423, 0.2803, 0.3184** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.0257, 0.3536, 0.3393**, and the grayscale version is **81.4011, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.5834, 0.2735, 0.3166** is the 20% darker color. If you saturate the color by 10%, you get **78.8886, 0.2659, 0.3127**, and if you desaturate by 10%, it is **91.6619, 0.2954, 0.3237**.

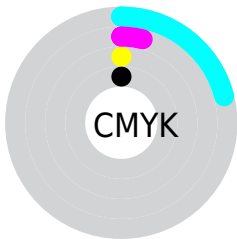
Distribution



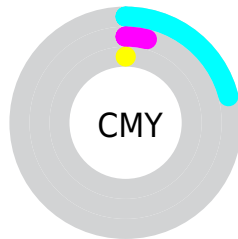
- Red (79%)
- Green (96%)
- Blue (100%)



- Red (79%)
- Yellow (88%)
- Blue (100%)



- Cyan (21%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)





- Cyan (21%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.9423, 0.2803, 0.3184 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 84.9423, 0.2803, 0.3184 by changing the saturation by 10% instead.


 84.9423, 0.2803,
0.3184

 84.9423, 0.2803,
0.3184

511.4371, 0.2947,
0.3234

 63.7937, 0.2771,
0.3173


140.2926, 0.2852,
0.3201

 46.4836, 0.2733,
0.3159


175.2630, 0.2871,
0.3208

 32.6276, 0.2685,
0.3141


215.6095, 0.2888,
0.3214

 21.8413, 0.2624,
0.3117

261.7165, 0.2903,
0.3219

 13.7404, 0.2544,
0.3085

313.9684, 0.2916,
0.3223

 7.9403, 0.2433,
0.3039

372.7495, 0.2928,

 4.0568, 0.2273,

0.3227

0.2968

438.4443, 0.2938,
0.3230

1.7054, 0.2018,
0.2844

0.4271, 0.0682,
0.2546

84.9423, 0.2803,
0.3184

84.9423, 0.2803,
0.3184

78.8886, 0.2659,
0.3127

91.6619, 0.2954,
0.3237

73.4611, 0.2525,
0.3067

99.0646, 0.3109,
0.3285

68.6312, 0.2405,
0.3003

99.9998, 0.3127,
0.3290

64.3639, 0.2301,
0.2937

■ 60.6200, 0.2216,
0.2869

■ 57.3547, 0.2150,
0.2801

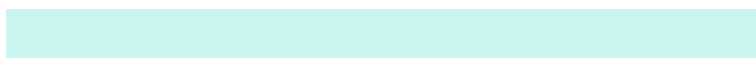
■ 54.5141, 0.2104,
0.2734

■ 52.2919, 0.2077,
0.2676

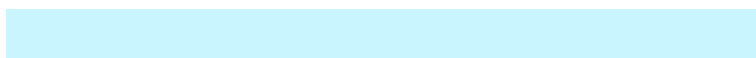
Harmonies

Analogous

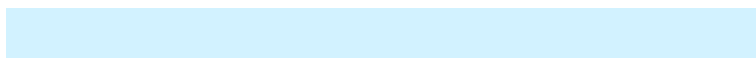
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.9423, 0.2885, 0.3344



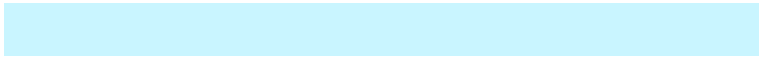
84.9423, 0.2803, 0.3184



84.9423, 0.2805, 0.3059

Triad

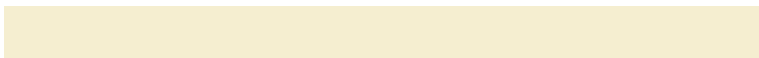
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.9423, 0.2803, 0.3184



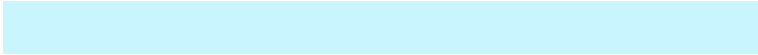
84.9423, 0.3218, 0.3099



84.9423, 0.3364, 0.3589

Complementary

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



84.9423, 0.2803, 0.3184



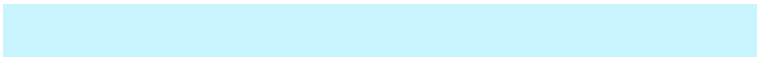
72.0257, 0.3536, 0.3393

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.



84.9423, 0.3459, 0.3513



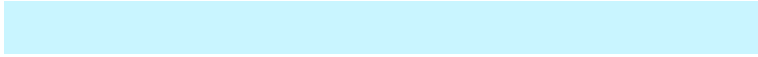
84.9423, 0.2803, 0.3184



84.9423, 0.3374, 0.3231

Square

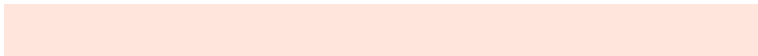
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.9423, 0.2803, 0.3184



84.9423, 0.3041, 0.3015



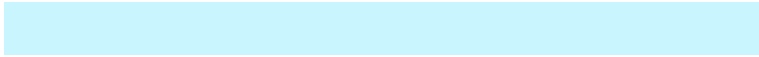
84.9423, 0.3463, 0.3381



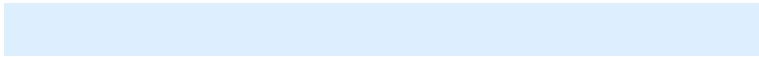
84.9423, 0.3206, 0.3584

Rectangle

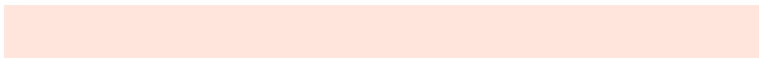
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.9423, 0.2803, 0.3184



84.9423, 0.2854, 0.3011



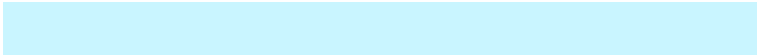
84.9423, 0.3463, 0.3381



84.9423, 0.3404, 0.3572

Sweetspot

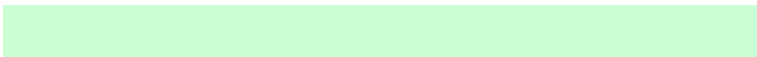
The Sweet Spot groups the original color and five complimentary colors.



84.9458, 0.2803, 0.3184



95.4237, 0.3034, 0.3262



88.6243, 0.3045, 0.3770



20.3213, 0.3024, 0.3259



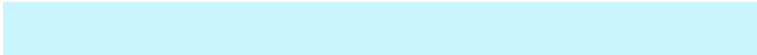
0.0000, 0.0000, 0.0000



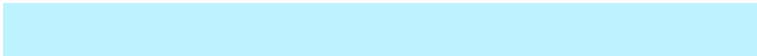
21.4041, 0.3127, 0.3290

Same Dimension

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



84.9458, 0.2803, 0.3184



82.5679, 0.2747, 0.3163



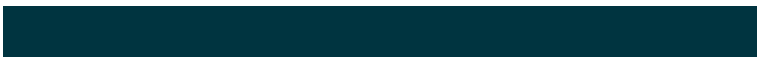
69.8053, 0.2782, 0.2890



19.8775, 0.2980, 0.3245



27.5296, 0.2080, 0.2687



2.8215, 0.2101, 0.2763

Inverse Universe

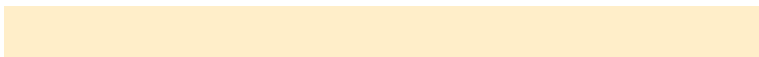
The Inverse Universe completely reimagines the original color for something new.



69.6016, 0.3223, 0.2854



65.1157, 0.3243, 0.2773



86.5539, 0.3481, 0.3660



18.2394, 0.3166, 0.3098



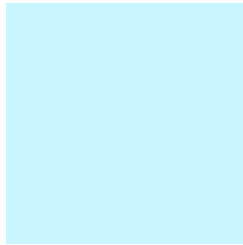
13.5071, 0.3741, 0.1834



1.3294, 0.3669, 0.1795

Previews

White Background



This preview shows how the Yxy color 84.9423, 0.2803, 0.3184 looks on a white background.

Color Contrast Check

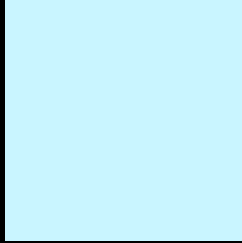
Large Text (above 18pt) WCAG AA × Fail

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 84.9423, 0.2803, 0.3184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

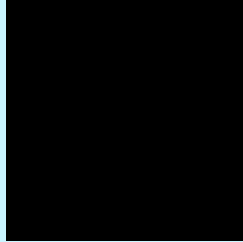
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

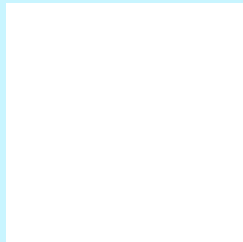
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.9423, 0.2803, 0.3184

Background



This preview shows how black text looks on a background with the Yxy color 84.9423, 0.2803, 0.3184.

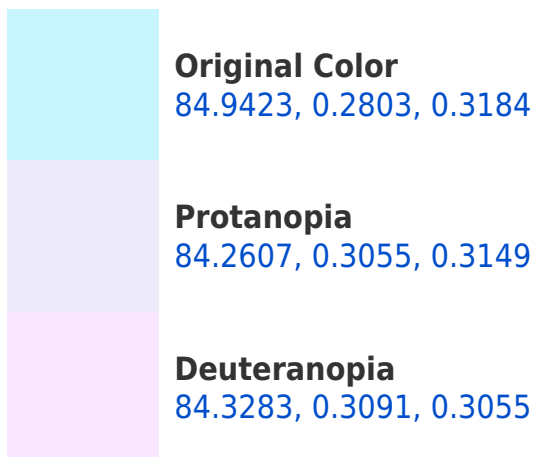


This preview shows how white text looks on a background with the Yxy color 84.9423, 0.2803, 0.3184.

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

85.0204, 0.2877, 0.3155

Trichromacy



Original Color

84.9423, 0.2803, 0.3184

Protanomaly

84.5453, 0.2960, 0.3167

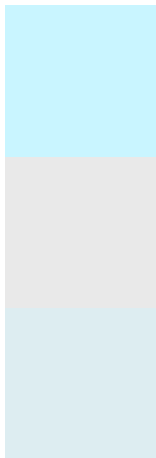
Deuteranomaly

84.1998, 0.2980, 0.3098

Tritanomaly

84.8765, 0.2848, 0.3164

Monochromacy



Original Color

84.9423, 0.2803, 0.3184

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

82.2914, 0.2999, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.9423, 0.2803, 0.3184 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(201, 245, 255)` looks like.

```
.text, #text, p{  
    color:rgb(201, 245, 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(201, 245, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 245, 255) }
```

Border

The CSS property to change the border of an element to Yxy 84.9423, 0.2803, 0.3184 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(201, 245, 255) }
```

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

```
.border{ border-color:rgb(201, 245, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 245, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 245, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 245, 255);  
box-shadow:4px 4px 4px 4px rgb(201, 245,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 84.9423, 0.2803, 0.3184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 245, 255) }
```

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

```
.background{ background-color: rgb(201,  
245, 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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