

Converting Colors

$Yxy(90.0934, 0.2457, 0.2561)$

Have a look what the booklet for
Yxy(90.0934, 0.2457, 0.2561)
contains.

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Color

Yxy(84.6009, 0.2765, 0.3193)

Conversions

Conversions Part 1

Format	Color
Hex	C2F6FF
RGB	194, 246, 255
RGB Percent	76%, 96%, 100%
CMY	0.2391, 0.0353, 0.0000
CMYK	0.24, 0.04, 0.00, 0.00
HSL	189°, 100%, 88%
HSV	189°, 24%, 100%
XYZ	73.2607, 84.6009, 107.0958
YIQ	231.4780, -33.8810, -8.2250

Conversions

Conversions Part 2

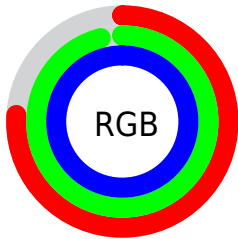
Format	Color
RYB	194, 222, 255
Decimal	12777215
CIELab	93.71, -14.45, -9.74
CIElCh	94, 17.431, 213.984
Yxy	84.6009, 0.2765, 0.3193
Android (android.graphics.Color)	4290967295 (0xFFC2F6FF)
YUV	231.4780, 11.5963, -32.8682
Hunter-Lab	91.9787, -18.7882, -4.6494

Details

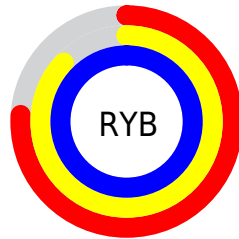
The Yxy color **84.6009, 0.2765, 0.3193** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.8797, 0.3607, 0.3384**, and the grayscale version is **80.2204, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **46.3931, 0.2689, 0.3179** is the 20% darker color. If you saturate the color by 10%, you get **79.2457, 0.2626, 0.3147**, and if you desaturate by 10%, it is **90.5851, 0.2913, 0.3236**.

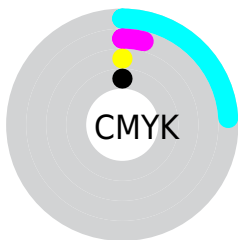
Distribution



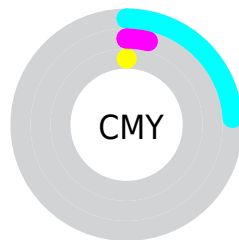
- Red (76%)
- Green (96%)
- Blue (100%)



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



- Cyan (24%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.6009, 0.2765, 0.3193 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 84.6009, 0.2765, 0.3193 by changing the saturation by 10% instead.

84.6009, 0.2765,
0.3193

84.6009, 0.2765,
0.3193

510.3065, 0.2926,
0.3239

63.5117, 0.2730,
0.3182

139.8154, 0.2820,
0.3209

46.2553, 0.2687,
0.3169

174.7095, 0.2841,
0.3215

32.4473, 0.2633,
0.3152

214.9740, 0.2860,
0.3221

21.7034, 0.2566,
0.3129

260.9933, 0.2877,
0.3225

13.6391, 0.2476,
0.3099

313.1519, 0.2891,
0.3229

7.8701, 0.2354,
0.3054

371.8340, 0.2904,

4.0119, 0.2176,

0.3233

0.2983

437.4241, 0.2916,
0.3236

1.6802, 0.1896,
0.2858

0.4108, 0.0237,
0.2590

84.6009, 0.2765,
0.3193

84.6009, 0.2765,
0.3193

79.2457, 0.2626,
0.3147

90.5851, 0.2913,
0.3236

74.4842, 0.2500,
0.3098

97.2204, 0.3066,
0.3276

70.2858, 0.2388,
0.3047

100.0000, 0.3127,
0.3290

66.6147, 0.2294,
0.2995

■ 63.4307, 0.2219,
0.2942

■ 60.6871, 0.2164,
0.2889

■ 58.3270, 0.2128,
0.2836

■ 57.0288, 0.2112,
0.2805

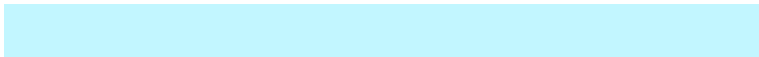
Harmonies

Analogous

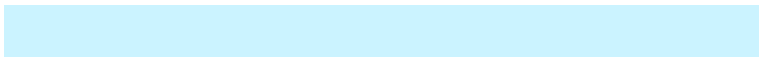
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.6009, 0.2870, 0.3379



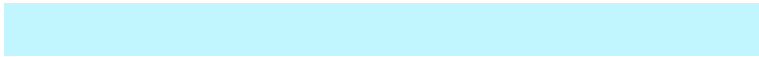
84.6009, 0.2765, 0.3193



84.6009, 0.2753, 0.3042

Triad

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



84.6009, 0.2765, 0.3193



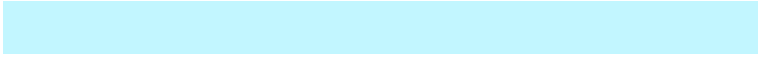
84.6009, 0.3201, 0.3054



84.6009, 0.3419, 0.3625

Complementary

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



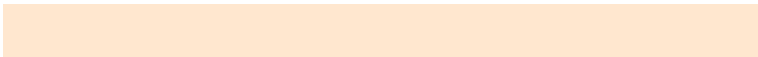
84.6009, 0.2765, 0.3193



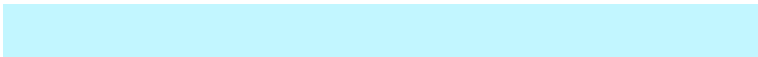
67.8797, 0.3607, 0.3384

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.



84.6009, 0.3515, 0.3524



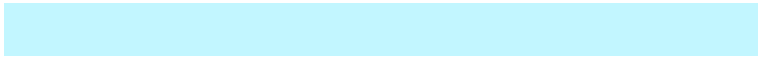
84.6009, 0.2765, 0.3193



84.6009, 0.3387, 0.3198

Square

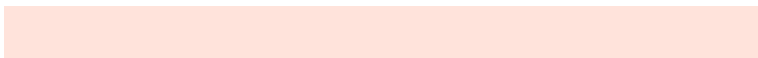
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.6009, 0.2765, 0.3193



84.6009, 0.3000, 0.2969



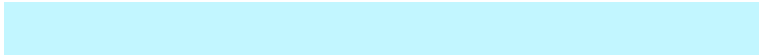
84.6009, 0.3503, 0.3368



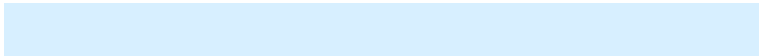
84.6009, 0.3246, 0.3635

Rectangle

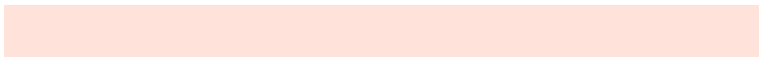
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



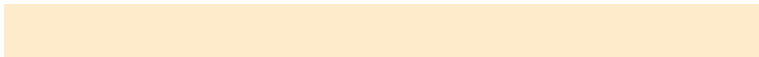
84.6009, 0.2765, 0.3193



84.6009, 0.2800, 0.2980



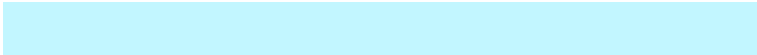
84.6009, 0.3503, 0.3368



84.6009, 0.3462, 0.3600

Sweetspot

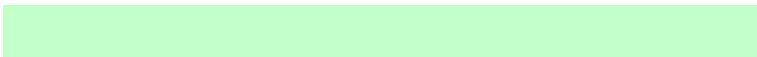
The Sweet Spot groups the original color and five complimentary colors.



84.6027, 0.2765, 0.3193



95.1005, 0.3018, 0.3264



87.2639, 0.3051, 0.3876



20.2683, 0.3009, 0.3261



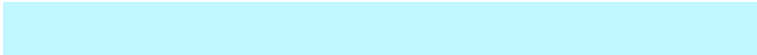
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



84.6027, 0.2765, 0.3193



81.8011, 0.2693, 0.3170



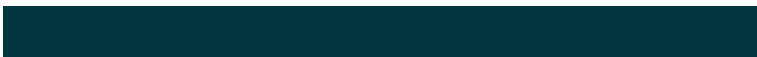
67.9997, 0.2738, 0.2866



19.9974, 0.2980, 0.3254



29.9727, 0.2115, 0.2813



3.0373, 0.2132, 0.2873

Inverse Universe

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



66.5075, 0.3220, 0.2775



60.8648, 0.3244, 0.2664



83.2313, 0.3538, 0.3680



18.2515, 0.3161, 0.3090



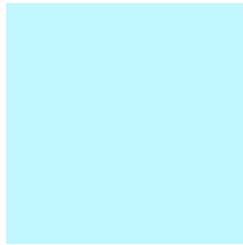
13.7537, 0.3622, 0.1769



1.3512, 0.3568, 0.1739

Previews

White Background



This preview shows how the Yxy color 84.6009, 0.2765, 0.3193 looks on a white background.

Color Contrast Check

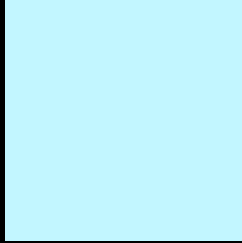
Large Text (above 18pt) WCAG AA × Fail

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 84.6009, 0.2765, 0.3193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

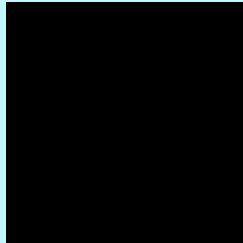
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 84.6009, 0.2765, 0.3193

Background



This preview shows how black text looks on a background with the Yxy color 84.6009, 0.2765, 0.3193.

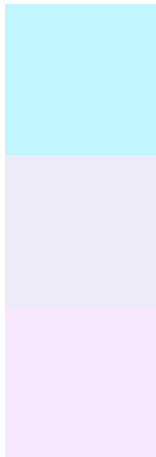


This preview shows how white text looks on a background with the Yxy color 84.6009, 0.2765, 0.3193.

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

84.6009, 0.2765, 0.3193

Protanopia

84.1985, 0.3061, 0.3159

Deuteranopia

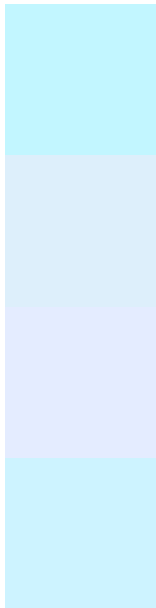
84.1460, 0.3085, 0.3054



Tritanopia

84.5731, 0.2859, 0.3154

Trichromacy



Original Color

84.6009, 0.2765, 0.3193

Protanomaly

84.0702, 0.2941, 0.3166

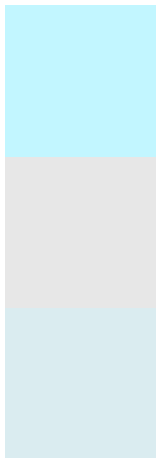
Deuteranomaly

83.7049, 0.2961, 0.3097

Tritanomaly

84.3003, 0.2825, 0.3163

Monochromacy



Original Color

84.6009, 0.2765, 0.3193

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

81.1876, 0.2985, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.6009, 0.2765, 0.3193 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, 246, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 246, 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, 246, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 246, 255) }
```

Border

The CSS property to change the border of an element to Yxy 84.6009, 0.2765, 0.3193 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, 246, 255) }
```

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

```
.border{ border-color:rgb(194, 246, 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, 246, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 246, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 246, 255);  
box-shadow:4px 4px 4px 4px rgb(194, 246,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 84.6009, 0.2765, 0.3193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 246, 255) }
```

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

```
.background{ background-color: rgb(194,  
246, 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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