

Converting Colors

Yxy(84.9305, 0.2693, 0.3243)

Have a look what the booklet for
Yxy(84.9305, 0.2693, 0.3243)
contains.

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Color

Yxy(85.1107, 0.2695, 0.3245)

Conversions

Conversions Part 1

Format	Color
Hex	B3FAFE
RGB	179, 250, 254
RGB Percent	70%, 98%, 100%
CMY	0.2976, 0.0197, 0.0038
CMYK	0.29, 0.02, 0.00, 0.00
HSL	183°, 97%, 85%
HSV	183°, 29%, 100%
XYZ	70.6852, 85.1107, 106.4867
YIQ	229.2270, -43.6000, -13.8080

Conversions

Conversions Part 2

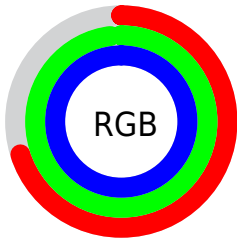
Format	Color
R _Y B	179, 215, 254
Decimal	11795198
CIE Lab	93.93, -20.84, -8.99
CIE LCh	94, 22.693, 203.328
Yxy	85.1107, 0.2695, 0.3245
Android (android.graphics.Color)	4289985278 (0xFFB3FAFE)
YUV	229.2270, 12.2131, -44.0491
Hunter-Lab	92.2555, -24.6822, -3.8572

Details

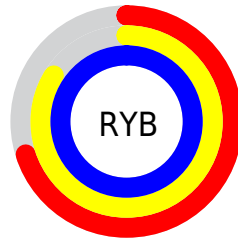
The Yxy color **85.1107, 0.2695, 0.3245** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **58.2597, 0.3777, 0.3334**, and the grayscale version is **78.4804, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7445, 0.3017, 0.3290**, and **46.3821, 0.2600, 0.3232** is the 20% darker color. If you saturate the color by 10%, you get **81.5107, 0.2571, 0.3228**, and if you desaturate by 10%, it is **89.2813, 0.2833, 0.3261**.

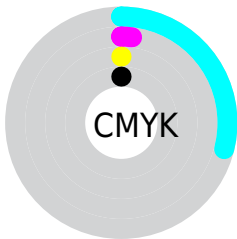
Distribution



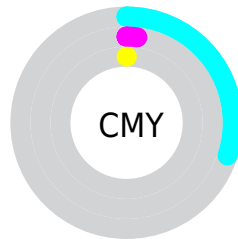
- Red (70%)
- Green (98%)
- Blue (100%)



- Red (70%)
- Yellow (84%)
- Blue (100%)



- Cyan (29%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)





- Cyan (30%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.1107, 0.2695, 0.3245 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 85.1107, 0.2695, 0.3245 by changing the saturation by 10% instead.


 85.1107, 0.2695,
0.3245

 85.1107, 0.2695,
0.3245


511.9943, 0.2887,
0.3269

 63.9329, 0.2653,
0.3239


 140.5278, 0.2760,
0.3254

 46.5963, 0.2602,
0.3231


175.5359, 0.2786,
0.3257

 32.7166, 0.2539,
0.3221

215.9228, 0.2808,
0.3260

 21.9094, 0.2459,
0.3208

262.0730, 0.2828,
0.3262

 13.7904, 0.2354,
0.3188

314.3709, 0.2845,
0.3264

 7.9750, 0.2211,
0.3158

373.2008, 0.2860,

 4.0790, 0.2005,

0.3266

0.3107

438.9471, 0.2874,
0.3267

1.7178, 0.1686,
0.3010

0.4352, 0.0000,
0.2819

85.1107, 0.2695,
0.3245

85.1107, 0.2695,
0.3245

81.5107, 0.2571,
0.3228

89.2813, 0.2833,
0.3261

78.4404, 0.2462,
0.3210

94.0407, 0.2980,
0.3277

75.8697, 0.2372,
0.3192

99.3598, 0.3133,
0.3291

73.7610, 0.2301,
0.3173

99.9373, 0.3133,
0.3299

■ 72.0715, 0.2250,
0.3155

■ 70.7504, 0.2217,
0.3136

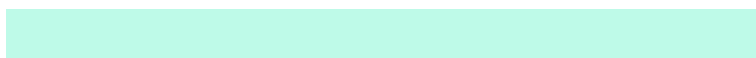
■ 69.7186, 0.2200,
0.3119

■ 69.6694, 0.2199,
0.3118

Harmonies

Analogous

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



85.1107, 0.2866, 0.3490



85.1107, 0.2695, 0.3245



85.1107, 0.2636, 0.3026

Triad

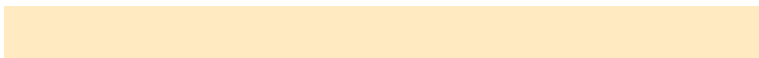
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.1107, 0.2695, 0.3245



85.1107, 0.3127, 0.2938



85.1107, 0.3565, 0.3688

Complementary

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



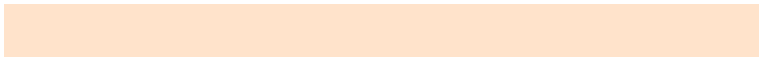
85.1107, 0.2695, 0.3245



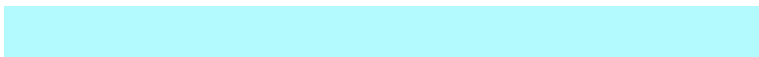
58.2597, 0.3777, 0.3334

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.



85.1107, 0.3644, 0.3523



85.1107, 0.2695, 0.3245



85.1107, 0.3385, 0.3098

Square

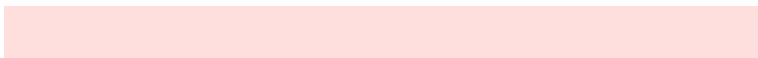
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.1107, 0.2695, 0.3245



85.1107, 0.2878, 0.2862



85.1107, 0.3578, 0.3308



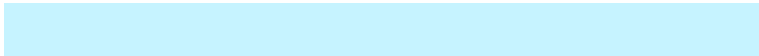
85.1107, 0.3367, 0.3752

Rectangle

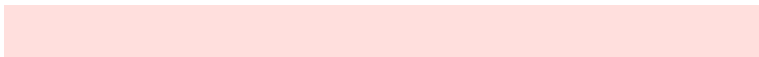
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.1107, 0.2695, 0.3245



85.1107, 0.2666, 0.2924



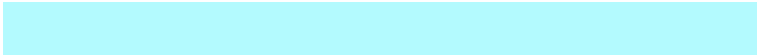
85.1107, 0.3578, 0.3308



85.1107, 0.3606, 0.3642

Sweetspot

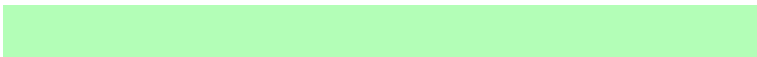
The Sweet Spot groups the original color and five complimentary colors.



85.1141, 0.2695, 0.3245



95.1171, 0.2988, 0.3277



83.9070, 0.3067, 0.4111



20.2003, 0.2966, 0.3275



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

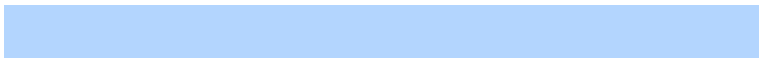
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.1141, 0.2695, 0.3245



83.7877, 0.2625, 0.3236



64.2495, 0.2648, 0.2824



20.3036, 0.2980, 0.3277



36.7948, 0.2200, 0.3121



3.6319, 0.2206, 0.3141

Inverse Universe

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



60.2575, 0.3192, 0.2590



55.3555, 0.3206, 0.2461



75.6828, 0.3666, 0.3714



18.2825, 0.3146, 0.3068



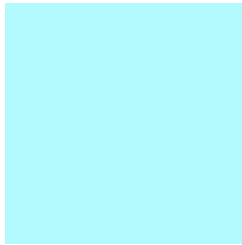
14.4424, 0.3349, 0.1619



1.4112, 0.3332, 0.1609

Previews

White Background



This preview shows how the Yxy color 85.1107, 0.2695, 0.3245 looks on a white background.

Color Contrast Check

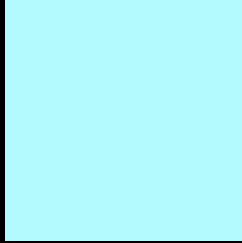
Large Text (above 18pt) WCAG AA × Fail

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 85.1107, 0.2695, 0.3245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

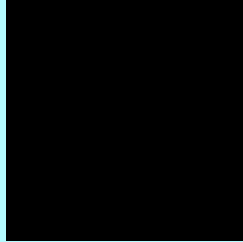
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

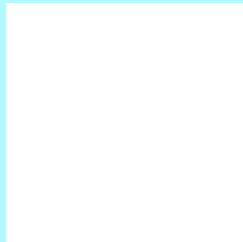
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.1107, 0.2695, 0.3245

Background



This preview shows how black text looks on a background with the Yxy color 85.1107, 0.2695, 0.3245.

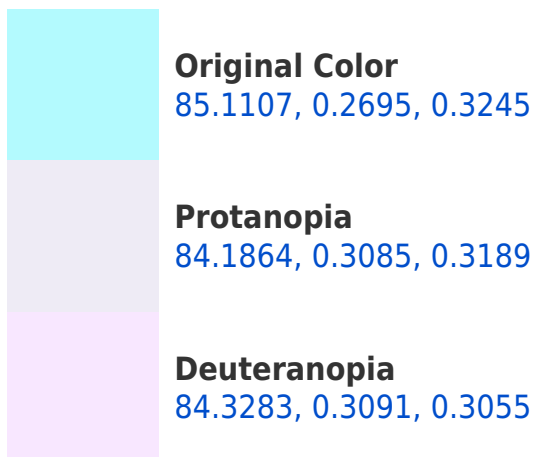


This preview shows how white text looks on a background with the Yxy color 85.1107, 0.2695, 0.3245.

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

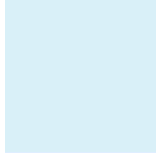
84.7311, 0.2842, 0.3164

Trichromacy



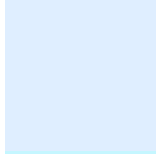
Original Color

85.1107, 0.2695, 0.3245



Protanomaly

83.8492, 0.2934, 0.3206



Deuteranomaly

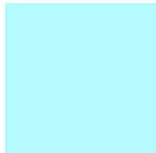
84.0570, 0.2930, 0.3116



Tritanomaly

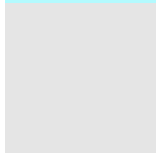
85.0019, 0.2782, 0.3194

Monochromacy



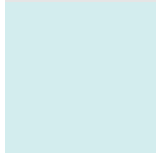
Original Color

85.1107, 0.2695, 0.3245



Achromatopsia

78.3538, 0.3127, 0.3290



Achromatomaly

80.5903, 0.2953, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.1107, 0.2695, 0.3245 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(179, 250, 254)` looks like.

```
.text, #text, p{  
    color:rgb(179, 250, 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(179, 250, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 250, 254) }
```

Border

The CSS property to change the border of an element to Yxy 85.1107, 0.2695, 0.3245 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(179, 250, 254) }
```

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

```
.border{ border-color:rgb(179, 250, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 250, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 250, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 250, 254);  
box-shadow:4px 4px 4px 4px rgb(179, 250,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 85.1107, 0.2695, 0.3245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 250, 254) }
```

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

```
.background{ background-color: rgb(179,  
250, 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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