

Converting Colors

$Yxy(85.9834, 0.2932, 0.3795)$

Have a look what the booklet for
Yxy(85.9834, 0.2932, 0.3795)
contains.

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Color

Yxy(85.9969, 0.2934, 0.3797)

Conversions

Conversions Part 1

Format	Color
Hex	B5FFD2
RGB	181, 255, 210
RGB Percent	71%, 100%, 82%
CMY	0.2900, 0.0000, 0.1766
CMYK	0.29, 0.00, 0.18, 0.00
HSL	143°, 100%, 85%
HSV	143°, 29%, 100%
XYZ	66.4511, 85.9969, 74.0384
YIQ	227.7440, -29.6590, -29.6830

Conversions

Conversions Part 2

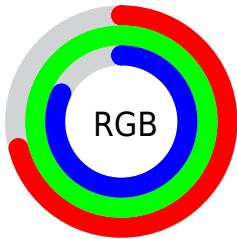
Format	Color
RYB	181, 234, 255
Decimal	11927506
CIELab	94.31, -31.71, 14.32
CIElCh	94, 34.792, 155.696
Yxy	85.9969, 0.2934, 0.3797
Android (android.graphics.Color)	4290117586 (0xFFB5FFD2)
YUV	227.7440, -8.7478, -40.9945
Hunter-Lab	92.7345, -34.3770, 17.5775

Details

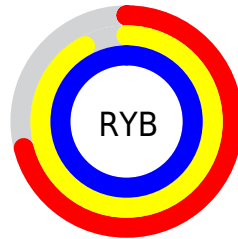
The Yxy color **85.9969, 0.2934, 0.3797** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **59.8206, 0.3387, 0.2833**, and the grayscale version is **77.4727, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9171, 0.3023, 0.3290**, and **47.1903, 0.2888, 0.3926** is the 20% darker color. If you saturate the color by 10%, you get **82.4564, 0.2876, 0.4008**, and if you desaturate by 10%, it is **90.1823, 0.2998, 0.3604**.

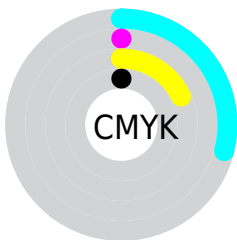
Distribution



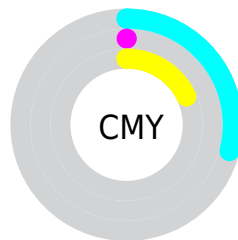
- Red (71%)
- Green (100%)
- Blue (82%)



- Red (71%)
- Yellow (92%)
- Blue (100%)



- Cyan (29%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)




- Cyan (29%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.9969, 0.2934, 0.3797 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 85.9969, 0.2934, 0.3797 by changing the saturation by 10% instead.


 85.9969, 0.2934,
0.3797

 85.9969, 0.2934,
0.3797


514.9210, 0.3025,
0.3561

 64.6654, 0.2913,
0.3851


 141.7652, 0.2966,
0.3715

 47.1898, 0.2887,
0.3919


176.9707, 0.2978,
0.3683

 33.1857, 0.2853,
0.4004


217.5698, 0.2989,
0.3655

 22.2688, 0.2809,
0.4117

263.9467, 0.2998,
0.3631

 14.0545, 0.2748,
0.4271

316.4859, 0.3006,
0.3610

 8.1586, 0.2658,
0.4494

375.5717, 0.3013,

 4.1966, 0.2516,

0.3592

0.4844

441.5886, 0.3019,
0.3575

1.7841, 0.2259,
0.5507

0.4773, 0.0000,
1.0000

85.9969, 0.2934,
0.3797

85.9969, 0.2934,
0.3797

82.4564, 0.2876,
0.4008

90.1823, 0.2998,
0.3604

79.5194, 0.2828,
0.4235

95.0347, 0.3065,
0.3430

77.1529, 0.2793,
0.4473

100.0000, 0.3127,
0.3290

75.3168, 0.2774,
0.4714

■ 73.9658, 0.2773,
0.4950

■ 73.0464, 0.2792,
0.5171

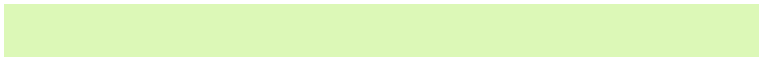
■ 72.4806, 0.2826,
0.5370

■ 72.4341, 0.2830,
0.5388

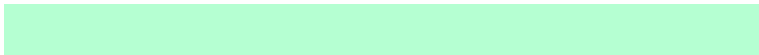
Harmonies

Analogous

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



85.9969, 0.3328, 0.3991



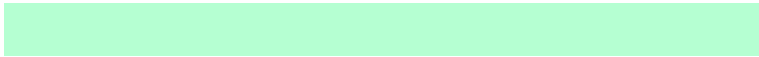
85.9969, 0.2934, 0.3797



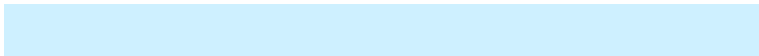
85.9969, 0.2606, 0.3440

Triad

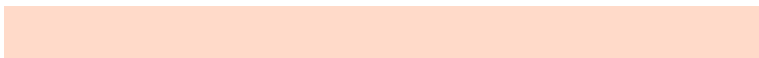
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.9969, 0.2934, 0.3797



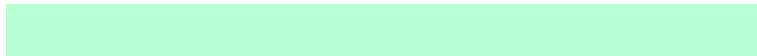
85.9969, 0.2577, 0.2653



85.9969, 0.3889, 0.3441

Complementary

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



85.9969, 0.2934, 0.3797



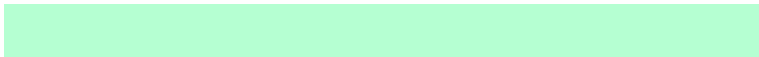
59.8206, 0.3387, 0.2833

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.



85.9969, 0.3663, 0.3121



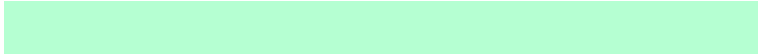
85.9969, 0.2934, 0.3797



85.9969, 0.2891, 0.2683

Square

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



85.9969, 0.2934, 0.3797



85.9969, 0.2411, 0.2781



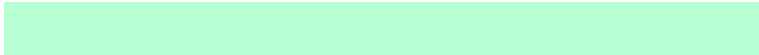
85.9969, 0.3289, 0.2851



85.9969, 0.3893, 0.3747

Rectangle

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



85.9969, 0.2934, 0.3797



85.9969, 0.2464, 0.3181



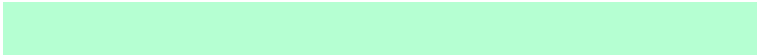
85.9969, 0.3289, 0.2851



85.9969, 0.3836, 0.3332

Sweetspot

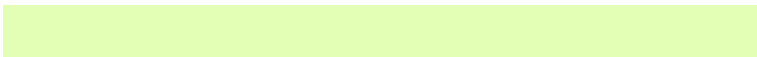
The Sweet Spot groups the original color and five complimentary colors.



85.9997, 0.2934, 0.3797



95.0364, 0.3065, 0.3430



91.1319, 0.3376, 0.4066



20.1814, 0.3055, 0.3454



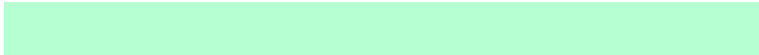
0.0000, 0.0000, 0.0000



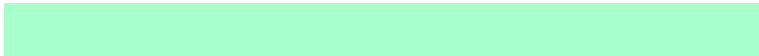
21.4041, 0.3127, 0.3290

Same Dimension

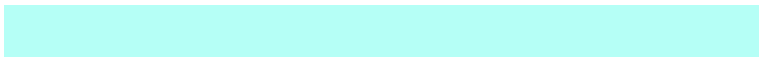
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.9997, 0.2934, 0.3797



83.8002, 0.2898, 0.3922



88.0255, 0.2748, 0.3382



20.2858, 0.3062, 0.3438



37.8755, 0.2822, 0.5357



3.7085, 0.2758, 0.5130

Inverse Universe

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



59.8206, 0.3387, 0.2833



53.6147, 0.3458, 0.2736



58.0281, 0.3698, 0.3201



18.1730, 0.3198, 0.3146



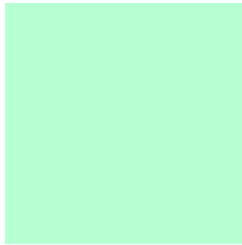
12.3811, 0.4507, 0.2257



1.2270, 0.4318, 0.2153

Previews

White Background



This preview shows how the Yxy color 85.9969, 0.2934, 0.3797 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 85.9969, 0.2934, 0.3797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

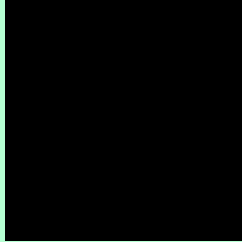
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

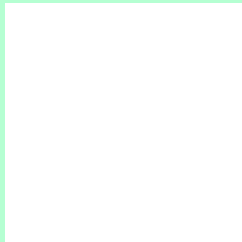
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.9969, 0.2934, 0.3797

Background



This preview shows how black text looks on a background with the Yxy color 85.9969, 0.2934, 0.3797.

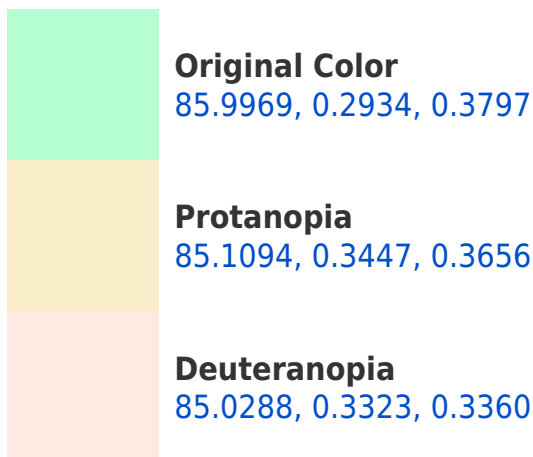


This preview shows how white text looks on a background with the Yxy color 85.9969, 0.2934, 0.3797.

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

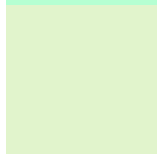
85.4673, 0.2872, 0.3165

Trichromacy



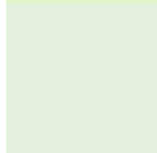
Original Color

85.9969, 0.2934, 0.3797



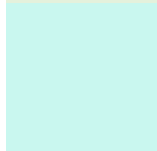
Protanomaly

85.0686, 0.3245, 0.3715



Deuteranomaly

84.5719, 0.3169, 0.3510



Tritanomaly

85.1710, 0.2890, 0.3375

Monochromacy



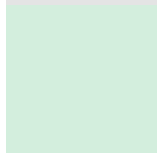
Original Color

85.9969, 0.2934, 0.3797



Achromatopsia

77.5822, 0.3127, 0.3290



Achromatomaly

80.2184, 0.3053, 0.3474

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.9969, 0.2934, 0.3797 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(181, 255, 210)` looks like.

```
.text, #text, p{  
    color:rgb(181, 255, 210)  
}
```

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(181, 255, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 255, 210) }
```

Border

The CSS property to change the border of an element to Yxy 85.9969, 0.2934, 0.3797 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(181, 255, 210) }
```

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

```
.border{ border-color:rgb(181, 255, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 255, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 255, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 255, 210);  
box-shadow:4px 4px 4px 4px rgb(181, 255,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 85.9969, 0.2934, 0.3797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 255, 210) }
```

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

```
.background{ background-color: rgb(181,  
255, 210) }
```

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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