

Converting Colors

$Yxy(86.6020, 0.2892, 0.3690)$

Have a look what the booklet for
Yxy(86.6020, 0.2892, 0.3690)
contains.

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Color

Yxy(86.5796, 0.2892, 0.3691)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | B6FFDB |
| RGB | 182, 255, 219 |
| RGB Percent | 71%, 100%, 86% |
| CMY | 0.2863, 0.0000, 0.1412 |
| CMYK | 0.29, 0.00, 0.14, 0.00 |
| HSL | 150°, 100%, 86% |
| HSV | 150°, 29%, 100% |
| XYZ | 67.8375, 86.5796, 80.1524 |
| YIQ | 229.0690, -31.9520, -26.6720 |

Conversions

Conversions Part 2

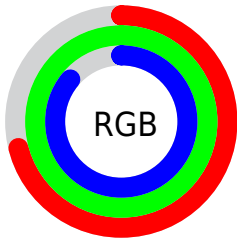
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 182, 230, 255 |
| Decimal | 11993051 |
| CIELab | 94.56, -29.72, 10.03 |
| CIELCh | 95, 31.364, 161.340 |
| Yxy | 86.5796, 0.2892, 0.3691 |
| Android (android.graphics.Color) | 4290183131 (0xFFB6FFDB) |
| YUV | 229.0690, -4.9640, -41.2795 |
| Hunter-Lab | 93.0482, -32.6974, 14.0609 |

Details

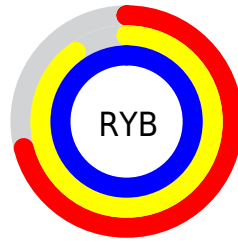
The Yxy color **86.5796, 0.2892, 0.3691** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **59.7792, 0.3453, 0.2922**, and the grayscale version is **78.4628, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **47.5805, 0.2837, 0.3787** is the 20% darker color. If you saturate the color by 10%, you get **83.1151, 0.2821, 0.3859**, and if you desaturate by 10%, it is **90.6601, 0.2971, 0.3537**.

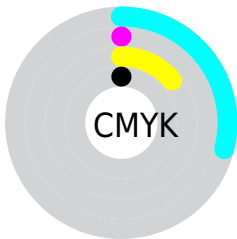
Distribution



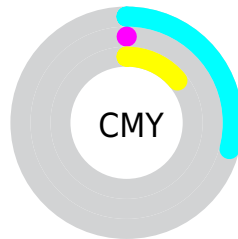
- Red (71%)
- Green (100%)
- Blue (86%)



- Red (71%)
- Yellow (90%)
- Blue (100%)



- Cyan (29%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)




- Cyan (29%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.5796, 0.2892, 0.3691 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 86.5796, 0.2892, 0.3691 by changing the saturation by 10% instead.

 86.5796, 0.2892,
0.3691

 86.5796, 0.2892,
0.3691

516.8404, 0.3000,
0.3506

 65.1474, 0.2868,
0.3733


 142.5780, 0.2929,
0.3627

 47.5806, 0.2837,
0.3786


177.9130, 0.2944,
0.3602

 33.4949, 0.2799,
0.3852


218.6510, 0.2956,
0.3580

 22.5058, 0.2750,
0.3938

265.1765, 0.2967,
0.3561

 14.2290, 0.2683,
0.4056

317.8737, 0.2977,
0.3545

 8.2801, 0.2587,
0.4225

377.1272, 0.2986,

 4.2747, 0.2440,

0.3530

0.4489

443.3213, 0.2993,
0.3517

■ 1.8284, 0.2185,
0.4953

■ 0.5048, 0.0000,
1.0000

■ 86.5796, 0.2892,
0.3691

■ 86.5796, 0.2892,
0.3691

■ 83.1151, 0.2821,
0.3859

■ 90.6601, 0.2971,
0.3537

■ 80.2337, 0.2761,
0.4040

■ 95.3850, 0.3054,
0.3398

■ 77.9012, 0.2715,
0.4230

■ 100.0000, 0.3127,
0.3290

■ 76.0788, 0.2687,
0.4425

■ 74.7226, 0.2679,
0.4621

■ 73.7810, 0.2692,
0.4812

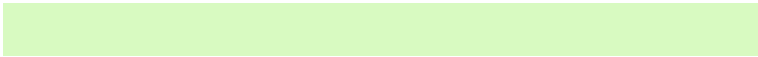
■ 73.1804, 0.2722,
0.4993

■ 73.1114, 0.2727,
0.5017

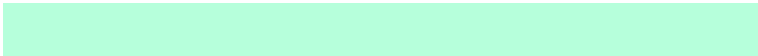
Harmonies

Analogous

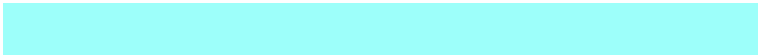
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.5796, 0.3243, 0.3899



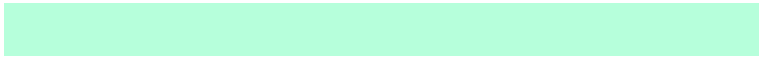
86.5796, 0.2892, 0.3691



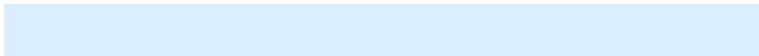
86.5796, 0.2614, 0.3360

Triad

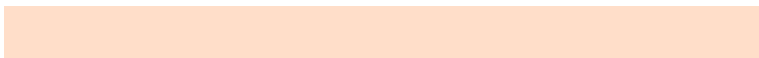
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.5796, 0.2892, 0.3691



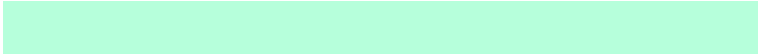
86.5796, 0.2675, 0.2708



86.5796, 0.3828, 0.3485

Complementary

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



86.5796, 0.2892, 0.3691



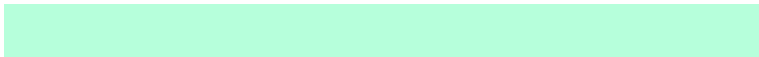
59.7792, 0.3453, 0.2922

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.



86.5796, 0.3660, 0.3192



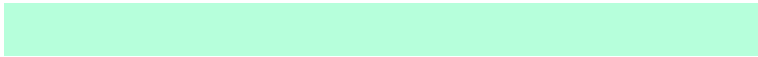
86.5796, 0.2892, 0.3691



86.5796, 0.2980, 0.2759

Square

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



86.5796, 0.2892, 0.3691



86.5796, 0.2495, 0.2799



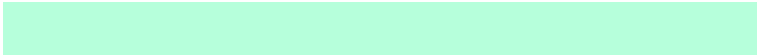
86.5796, 0.3342, 0.2933



86.5796, 0.3794, 0.3750

Rectangle

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



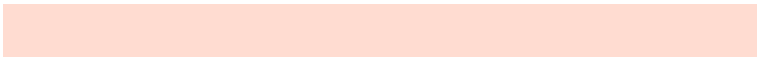
86.5796, 0.2892, 0.3691



86.5796, 0.2503, 0.3133



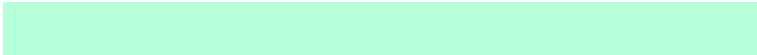
86.5796, 0.3342, 0.2933



86.5796, 0.3793, 0.3387

Sweetspot

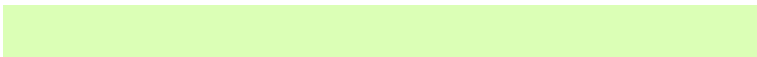
The Sweet Spot groups the original color and five complimentary colors.



86.5799, 0.2892, 0.3691



95.1965, 0.3050, 0.3403



89.8804, 0.3317, 0.4069



20.2208, 0.3038, 0.3422



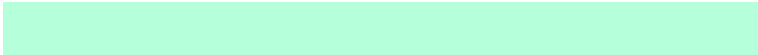
0.0000, 0.0000, 0.0000



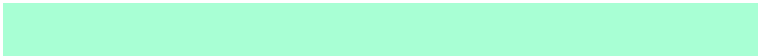
21.4041, 0.3127, 0.3290

Same Dimension

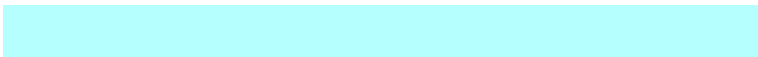
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.5799, 0.2892, 0.3691



84.6435, 0.2853, 0.3780



88.6854, 0.2711, 0.3289



20.3218, 0.3046, 0.3410



38.2325, 0.2719, 0.4988



3.7446, 0.2662, 0.4782

Inverse Universe

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



59.7792, 0.3453, 0.2922



54.0822, 0.3535, 0.2851



58.0946, 0.3763, 0.3292



18.1364, 0.3216, 0.3173



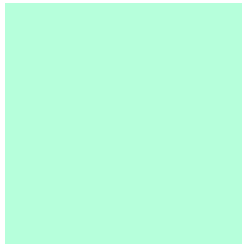
11.9227, 0.4993, 0.2524



1.1829, 0.4735, 0.2382

Previews

White Background



This preview shows how the Yxy color 86.5796, 0.2892, 0.3691 looks on a white background.

Color Contrast Check

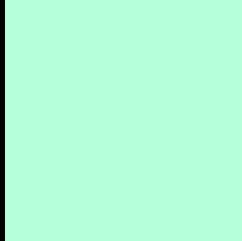
Large Text (above 18pt) WCAG AA × Fail

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 86.5796, 0.2892, 0.3691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

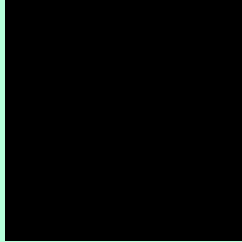
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 86.5796, 0.2892, 0.3691

Background



This preview shows how black text looks on a background with the Yxy color 86.5796, 0.2892, 0.3691.

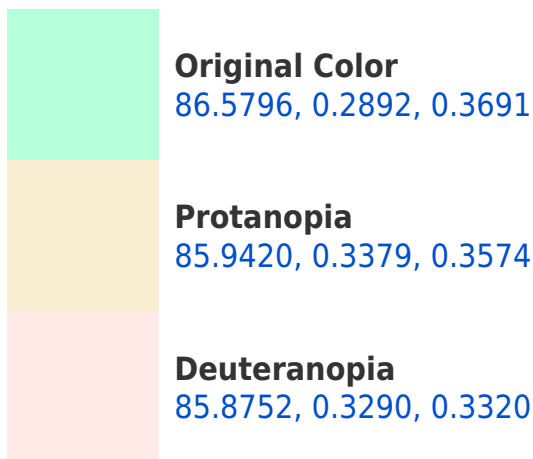


This preview shows how white text looks on a background with the Yxy color 86.5796, 0.2892, 0.3691.

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

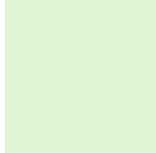
86.3684, 0.2884, 0.3176

Trichromacy



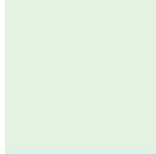
Original Color

86.5796, 0.2892, 0.3691



Protanomaly

85.5130, 0.3190, 0.3617



Deuteranomaly

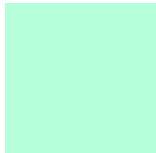
85.5443, 0.3126, 0.3446



Tritanomaly

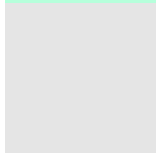
86.2421, 0.2886, 0.3353

Monochromacy



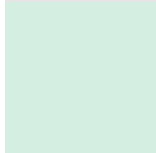
Original Color

86.5796, 0.2892, 0.3691



Achromatopsia

78.3538, 0.3127, 0.3290



Achromatomaly

80.5824, 0.3036, 0.3430

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.5796, 0.2892, 0.3691 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(182, 255, 219)` looks like.

```
.text, #text, p{  
    color:rgb(182, 255, 219)  
}
```

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(182, 255, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 255, 219) }
```

Border

The CSS property to change the border of an element to Yxy 86.5796, 0.2892, 0.3691 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(182, 255, 219) }
```

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

```
.border{ border-color:rgb(182, 255, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 255, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 255, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 255, 219);  
box-shadow:4px 4px 4px 4px rgb(182, 255,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 86.5796, 0.2892, 0.3691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 255, 219) }
```

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

```
.background{ background-color: rgb(182,  
255, 219) }
```

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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