

Converting Colors

$Yxy(90.8585, 0.2878, 0.3765)$

Have a look what the booklet for
Yxy(90.8585, 0.2878, 0.3765)
contains.

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Color

Yxy(86.2182, 0.2876, 0.3693)

Conversions

Conversions Part 1

Format	Color
Hex	B3FFDB
RGB	179, 255, 219
RGB Percent	70%, 100%, 86%
CMY	0.2978, 0.0000, 0.1413
CMYK	0.30, 0.00, 0.14, 0.00
HSL	152°, 100%, 85%
HSV	152°, 30%, 100%
XYZ	67.1442, 86.2182, 80.1014
YIQ	228.1720, -33.7400, -27.3080

Conversions

Conversions Part 2

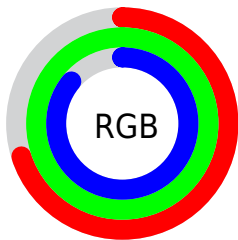
Format	Color
RYB	179, 229, 255
Decimal	11796443
CIELab	94.41, -30.58, 9.81
CIELCh	94, 32.113, 162.217
Yxy	86.2182, 0.2876, 0.3693
Android (android.graphics.Color)	4289986523 (0xFFB3FFDB)
YUV	228.1720, -4.5218, -43.1238
Hunter-Lab	92.8538, -33.4175, 13.8504

Details

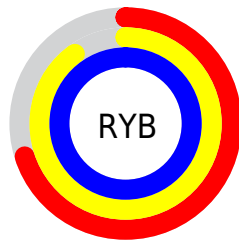
The Yxy color **86.2182, 0.2876, 0.3693** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **58.4357, 0.3482, 0.2921**, and the grayscale version is **77.7776, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5729, 0.3011, 0.3290**, and **47.3536, 0.2817, 0.3789** is the 20% darker color. If you saturate the color by 10%, you get **82.8437, 0.2804, 0.3856**, and if you desaturate by 10%, it is **90.2080, 0.2956, 0.3544**.

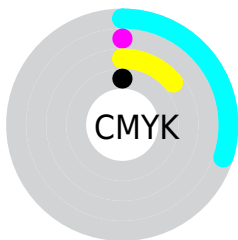
Distribution



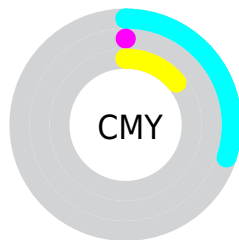
- Red (70%)
- Green (100%)
- Blue (86%)



- Red (70%)
- Yellow (90%)
- Blue (100%)



- Cyan (30%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)





- Cyan (30%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.2182, 0.2876, 0.3693 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 86.2182, 0.2876, 0.3693 by changing the saturation by 10% instead.


 86.2182, 0.2876,
0.3693

 86.2182, 0.2876,
0.3693


515.6504, 0.2991,
0.3507

 64.8484, 0.2850,
0.3736


 142.0739, 0.2916,
0.3628

 47.3382, 0.2818,
0.3788

177.3287, 0.2931,
0.3603

 33.3031, 0.2777,
0.3855


217.9806, 0.2945,
0.3582

 22.3587, 0.2724,
0.3942

264.4139, 0.2956,
0.3563

 14.1207, 0.2653,
0.4061

317.0132, 0.2967,
0.3546

 8.2047, 0.2552,
0.4232

376.1628, 0.2976,

 4.2262, 0.2396,

0.3531

0.4498

442.2471, 0.2984,
0.3518

■ 1.8009, 0.2123,
0.4970

■ 0.4877, 0.0000,
1.0000

■ 86.2182, 0.2876,
0.3693

■ 86.2182, 0.2876,
0.3693

■ 82.8437, 0.2804,
0.3856

■ 90.2080, 0.2956,
0.3544

■ 80.0417, 0.2744,
0.4030

■ 94.8320, 0.3041,
0.3409

■ 77.7810, 0.2698,
0.4213

99.9973, 0.3127,
0.3290

■ 76.0224, 0.2671,
0.4401

■ 74.7215, 0.2664,
0.4590

■ 73.8254, 0.2677,
0.4774

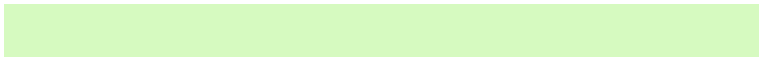
■ 73.2505, 0.2708,
0.4948

■ 73.2393, 0.2709,
0.4952

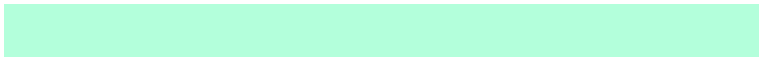
Harmonies

Analogous

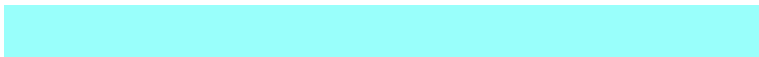
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.2182, 0.3235, 0.3912



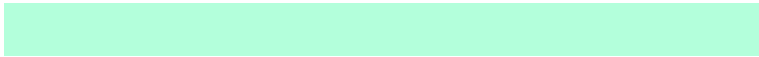
86.2182, 0.2876, 0.3693



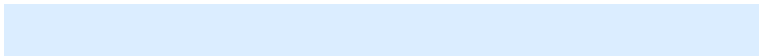
86.2182, 0.2595, 0.3351

Triad

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



86.2182, 0.2876, 0.3693



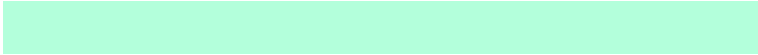
86.2182, 0.2671, 0.2693



86.2182, 0.3848, 0.3498

Complementary

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



86.2182, 0.2876, 0.3693



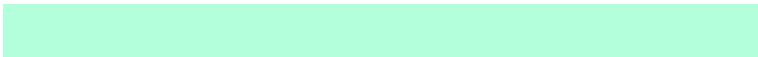
58.4357, 0.3482, 0.2921

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.



86.2182, 0.3681, 0.3197



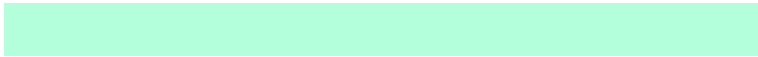
86.2182, 0.2876, 0.3693



86.2182, 0.2986, 0.2750

Square

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



86.2182, 0.2876, 0.3693



86.2182, 0.2484, 0.2781



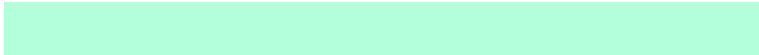
86.2182, 0.3358, 0.2931



86.2182, 0.3807, 0.3767

Rectangle

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



86.2182, 0.2876, 0.3693



86.2182, 0.2485, 0.3119



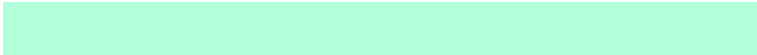
86.2182, 0.3358, 0.2931



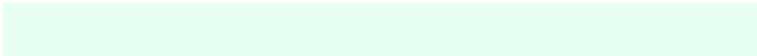
86.2182, 0.3814, 0.3397

Sweetspot

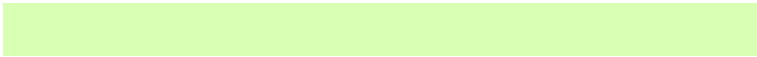
The Sweet Spot groups the original color and five complimentary colors.



86.2218, 0.2876, 0.3693



95.2227, 0.3048, 0.3399



89.3376, 0.3316, 0.4105



20.2272, 0.3035, 0.3417



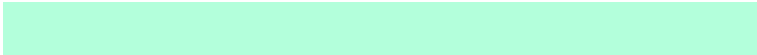
0.0000, 0.0000, 0.0000



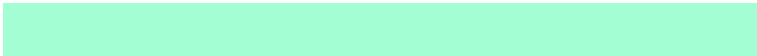
21.4041, 0.3127, 0.3290

Same Dimension

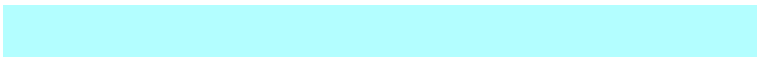
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.2218, 0.2876, 0.3693



84.0534, 0.2830, 0.3793



87.5236, 0.2695, 0.3275



20.3277, 0.3044, 0.3405



38.3010, 0.2701, 0.4924



3.7513, 0.2645, 0.4723

Inverse Universe

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



58.4357, 0.3482, 0.2921



52.0182, 0.3583, 0.2841



57.2921, 0.3794, 0.3305



18.1306, 0.3219, 0.3178



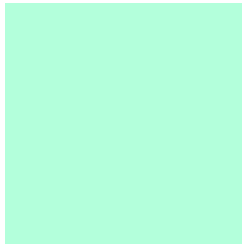
11.8595, 0.5073, 0.2568



1.1766, 0.4805, 0.2421

Previews

White Background



This preview shows how the Yxy color 86.2182, 0.2876, 0.3693 looks on a white background.

Color Contrast Check

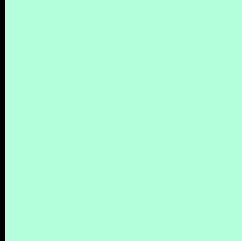
Large Text (above 18pt) WCAG AA × Fail

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 86.2182, 0.2876, 0.3693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

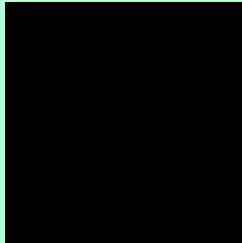
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

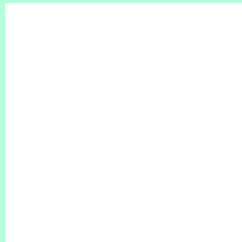
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.2182, 0.2876, 0.3693

Background



This preview shows how black text looks on a background with the Yxy color 86.2182, 0.2876, 0.3693.

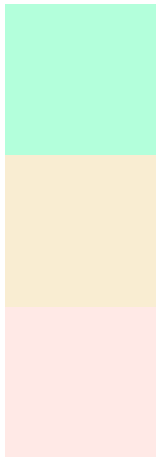


This preview shows how white text looks on a background with the Yxy color 86.2182, 0.2876, 0.3693.

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

86.2182, 0.2876, 0.3693

Protanopia

85.3613, 0.3381, 0.3564

Deuteranopia

85.2510, 0.3297, 0.3320



Tritanopia

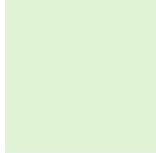
86.0675, 0.2872, 0.3176

Trichromacy



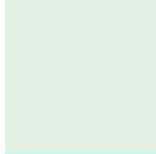
Original Color

86.2182, 0.2876, 0.3693



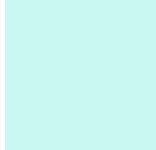
Protanomaly

85.3528, 0.3183, 0.3618



Deuteranomaly

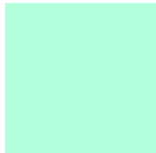
84.7325, 0.3126, 0.3447



Tritanomaly

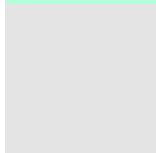
85.9631, 0.2874, 0.3353

Monochromacy



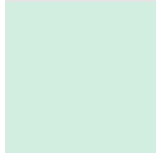
Original Color

86.2182, 0.2876, 0.3693



Achromatopsia

77.5822, 0.3127, 0.3290



Achromatomaly

80.2870, 0.3023, 0.3431

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.2182, 0.2876, 0.3693 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, 255, 219)` looks like.

```
.text, #text, p{  
    color:rgb(179, 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(179, 255, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 255, 219) }
```

Border

The CSS property to change the border of an element to Yxy 86.2182, 0.2876, 0.3693 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, 255, 219) }
```

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

```
.border{ border-color:rgb(179, 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(179, 255, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 255, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 255, 219);  
box-shadow:4px 4px 4px 4px rgb(179, 255,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 86.2182, 0.2876, 0.3693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 255, 219) }
```

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

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