

Converting Colors

Yxy(86.9084, 0.3028, 0.3869)

Have a look what the booklet for
Yxy(86.9084, 0.3028, 0.3869)
contains.

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Color

Yxy(86.9082, 0.3028, 0.3869)

Conversions

Conversions Part 1

Format	Color
Hex	BFFFCB
RGB	191, 255, 203
RGB Percent	75%, 100%, 80%
CMY	0.2512, 0.0000, 0.2038
CMYK	0.25, 0.00, 0.20, 0.00
HSL	131°, 100%, 87%
HSV	131°, 25%, 100%
XYZ	68.0171, 86.9082, 69.7018
YIQ	229.9360, -21.4520, -29.7400

Conversions

Conversions Part 2

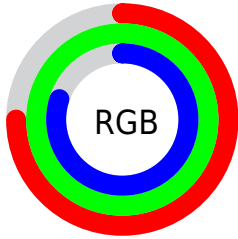
Format	Color
RYB	191, 245, 255
Decimal	12582859
CIELab	94.70, -29.92, 18.49
CIELCh	95, 35.176, 148.284
Yxy	86.9082, 0.3028, 0.3869
Android (android.graphics.Color)	4290772939 (0xFFBFFFCB)
YUV	229.9360, -13.2794, -34.1469
Hunter-Lab	93.2246, -32.9086, 20.9275

Details

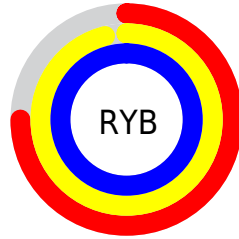
The Yxy color **86.9082, 0.3028, 0.3869** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **64.9653, 0.3245, 0.2773**, and the grayscale version is **79.1816, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **47.7923, 0.2998, 0.4005** is the 20% darker color. If you saturate the color by 10%, you get **82.9584, 0.2991, 0.4146**, and if you desaturate by 10%, it is **91.5535, 0.3067, 0.3618**.

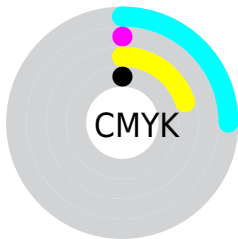
Distribution



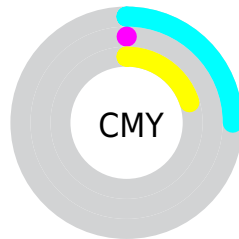
- Red (75%)
- Green (100%)
- Blue (80%)



- Red (75%)
- Yellow (96%)
- Blue (100%)



- Cyan (25%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)




- Cyan (25%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.9082, 0.3028, 0.3869 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 86.9082, 0.3028, 0.3869 by changing the saturation by 10% instead.


 86.9082, 0.3028,
0.3869

 86.9082, 0.3028,
0.3869


517.9212, 0.3078,
0.3599

 65.4192, 0.3016,
0.3931


 143.0362, 0.3046,
0.3775

 47.8011, 0.3000,
0.4008


178.4440, 0.3053,
0.3738

 33.6694, 0.2980,
0.4106


219.2602, 0.3059,
0.3707

 22.6397, 0.2952,
0.4234

265.8692, 0.3064,
0.3680

 14.3277, 0.2911,
0.4409

318.6554, 0.3068,
0.3656

 8.3490, 0.2849,
0.4663

378.0032, 0.3072,

 4.3190, 0.2743,

0.3635

0.5057

444.2970, 0.3075,
0.3616

■ 1.8536, 0.2592,
0.5887

■ 0.5202, 0.0000,
1.0000

■ 86.9082, 0.3028,
0.3869

■ 86.9082, 0.3028,
0.3869

■ 82.9584, 0.2991,
0.4146

■ 91.5535, 0.3067,
0.3618

■ 79.6865, 0.2958,
0.4443

■ 96.9444, 0.3107,
0.3394

■ 77.0488, 0.2933,
0.4752

100.0000, 0.3127,
0.3290

■ 75.0033, 0.2918,
0.5057

■ 73.5030, 0.2915,
0.5340

■ 72.4936, 0.2924,
0.5584

■ 71.9086, 0.2945,
0.5773

■ 71.7339, 0.2956,
0.5843

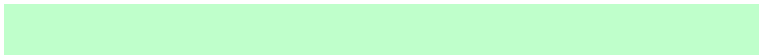
Harmonies

Analogous

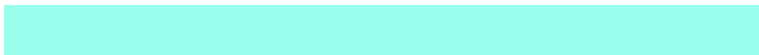
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.9082, 0.3425, 0.4009



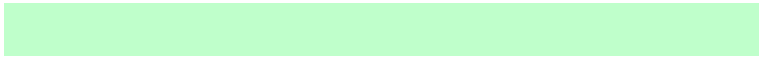
86.9082, 0.3028, 0.3869



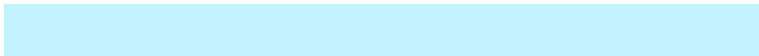
86.9082, 0.2673, 0.3538

Triad

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



86.9082, 0.3028, 0.3869



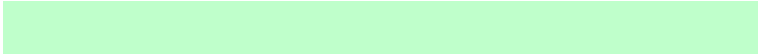
86.9082, 0.2516, 0.2665



86.9082, 0.3858, 0.3361

Complementary

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



86.9082, 0.3028, 0.3869



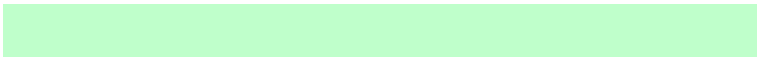
64.9653, 0.3245, 0.2773

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.



86.9082, 0.3583, 0.3046



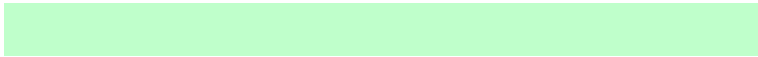
86.9082, 0.3028, 0.3869



86.9082, 0.2800, 0.2657

Square

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



86.9082, 0.3028, 0.3869



86.9082, 0.2392, 0.2833



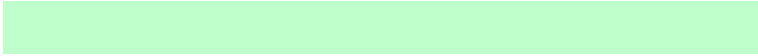
86.9082, 0.3188, 0.2795



86.9082, 0.3919, 0.3679

Rectangle

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



86.9082, 0.3028, 0.3869



86.9082, 0.2504, 0.3275



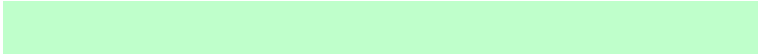
86.9082, 0.3188, 0.2795



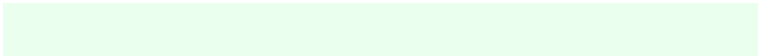
86.9082, 0.3787, 0.3252

Sweetspot

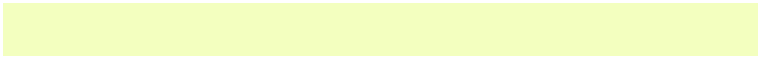
The Sweet Spot groups the original color and five complimentary colors.



86.9024, 0.3028, 0.3869



95.3134, 0.3096, 0.3456



94.3797, 0.3429, 0.3937



20.2241, 0.3090, 0.3489



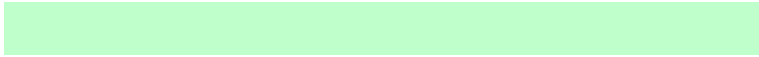
0.0000, 0.0000, 0.0000



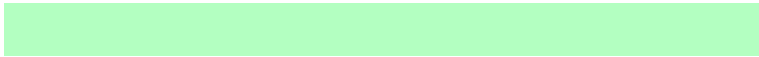
21.4041, 0.3127, 0.3290

Same Dimension

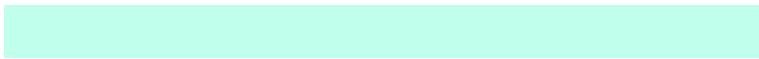
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.9024, 0.3028, 0.3869



84.8909, 0.3009, 0.4001



88.5713, 0.2860, 0.3509



20.2241, 0.3090, 0.3489



37.4984, 0.2950, 0.5822



3.6652, 0.2898, 0.5632

Inverse Universe

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



64.9653, 0.3245, 0.2773



59.6259, 0.3273, 0.2671



63.2134, 0.3494, 0.3083



18.2382, 0.3167, 0.3099



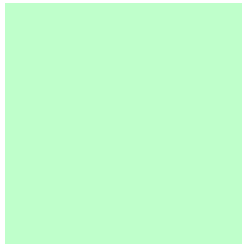
13.4821, 0.3754, 0.1841



1.3272, 0.3680, 0.1801

Previews

White Background



This preview shows how the Yxy color 86.9082, 0.3028, 0.3869 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 86.9082, 0.3028, 0.3869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

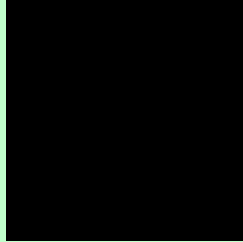
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 86.9082, 0.3028, 0.3869

Background



This preview shows how black text looks on a background with the Yxy color 86.9082, 0.3028, 0.3869.

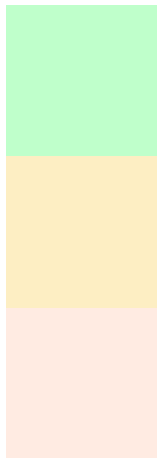


This preview shows how white text looks on a background with the Yxy color 86.9082, 0.3028, 0.3869.

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

86.9082, 0.3028, 0.3869

Protanopia

85.9718, 0.3506, 0.3724

Deuteranopia

86.1676, 0.3321, 0.3380



Tritanopia

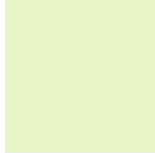
86.3813, 0.2907, 0.3167

Trichromacy



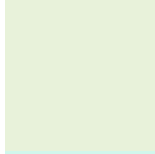
Original Color

86.9082, 0.3028, 0.3869



Protanomaly

85.6016, 0.3315, 0.3775



Deuteranomaly

85.7220, 0.3208, 0.3539



Tritanomaly

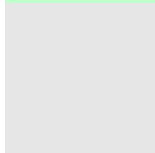
86.1330, 0.2954, 0.3406

Monochromacy



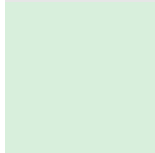
Original Color

86.9082, 0.3028, 0.3869



Achromatopsia

79.1298, 0.3127, 0.3290



Achromatomaly

81.4992, 0.3091, 0.3494

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.9082, 0.3028, 0.3869 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(191, 255, 203)` looks like.

```
.text, #text, p{  
    color:rgb(191, 255, 203)  
}
```

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(191, 255, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 255, 203) }
```

Border

The CSS property to change the border of an element to Yxy 86.9082, 0.3028, 0.3869 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(191, 255, 203) }
```

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

```
.border{ border-color:rgb(191, 255, 203) }
```

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

Here you see how a box with a 4 pixel rgb(191, 255, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 255, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 255, 203);  
box-shadow:4px 4px 4px 4px rgb(191, 255,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 86.9082, 0.3028, 0.3869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 255, 203) }
```

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

```
.background{ background-color: rgb(191,  
255, 203) }
```

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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