

Converting Colors

$Yxy(86.0618, 0.3020, 0.3922)$

Have a look what the booklet for
Yxy(86.0618, 0.3020, 0.3922)
contains.

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Color

Yxy(86.0826, 0.3021, 0.3921)

Conversions

Conversions Part 1

Format	Color
Hex	BAFFC7
RGB	186, 255, 199
RGB Percent	73%, 100%, 78%
CMY	0.2704, 0.0000, 0.2197
CMYK	0.27, 0.00, 0.22, 0.00
HSL	131°, 100%, 86%
HSV	131°, 27%, 100%
XYZ	66.3238, 86.0826, 67.1361
YIQ	227.9850, -23.1480, -32.0440

Conversions

Conversions Part 2

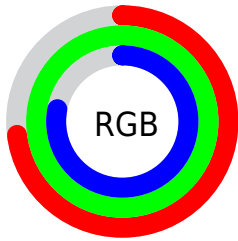
Format	Color
RYB	186, 244, 255
Decimal	12255175
CIELab	94.35, -32.15, 20.03
CIElCh	94, 37.878, 148.080
Yxy	86.0826, 0.3021, 0.3921
Android (android.graphics.Color)	4290445255 (0xFFBAFFC7)
YUV	227.9850, -14.2896, -36.8208
Hunter-Lab	92.7807, -34.7665, 22.0443

Details

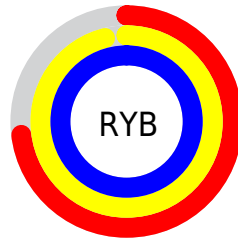
The Yxy color **86.0826, 0.3021, 0.3921** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.8115, 0.3256, 0.2732**, and the grayscale version is **77.6976, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **47.2578, 0.2988, 0.4074** is the 20% darker color. If you saturate the color by 10%, you get **82.2737, 0.2985, 0.4203**, and if you desaturate by 10%, it is **90.5997, 0.3060, 0.3664**.

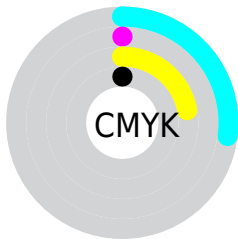
Distribution



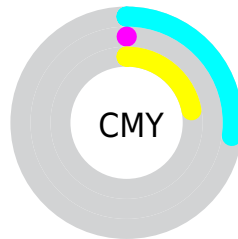
- Red (73%)
- Green (100%)
- Blue (78%)



- Red (73%)
- Yellow (96%)
- Blue (100%)



- Cyan (27%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)





- Cyan (27%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.0826, 0.3021, 0.3921 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 86.0826, 0.3021, 0.3921 by changing the saturation by 10% instead.

 86.0826, 0.3021,
0.3921

 86.0826, 0.3021,
0.3921


515.2035, 0.3075,
0.3625

 64.7363, 0.3008,
0.3989


 141.8847, 0.3041,
0.3818

 47.2473, 0.2990,
0.4074


177.1094, 0.3048,
0.3778

 33.2312, 0.2968,
0.4182


217.7289, 0.3054,
0.3743

 22.3036, 0.2936,
0.4324

264.1277, 0.3060,
0.3714

 14.0801, 0.2891,
0.4518

316.6901, 0.3064,
0.3687

 8.1764, 0.2820,
0.4800


375.8007, 0.3068,


 4.2081, 0.2698,


0.3664


0.5241


441.8437, 0.3072,
0.3644

 1.7906, 0.2548,
0.6294


 0.4813, 0.0000,
1.0000


 86.0826, 0.3021,
0.3921


 86.0826, 0.3021,
0.3921


 82.2737, 0.2985,
0.4203


 90.5997, 0.3060,
0.3664

 79.1265, 0.2953,
0.4504

 95.8471, 0.3100,
0.3435

 76.6060, 0.2930,
0.4813

 99.9991, 0.3127,
0.3290

 74.6694, 0.2917,
0.5115

■ 73.2683, 0.2916,
0.5393

■ 72.3466, 0.2928,
0.5627

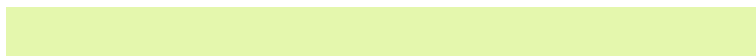
■ 71.8337, 0.2950,
0.5804

■ 71.7310, 0.2957,
0.5845

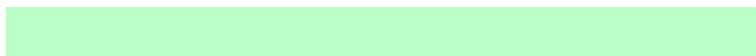
Harmonies

Analogous

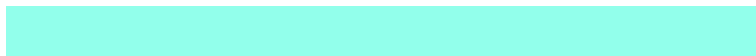
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.0826, 0.3449, 0.4069



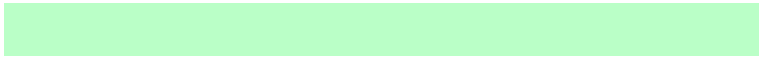
86.0826, 0.3021, 0.3921



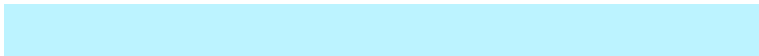
86.0826, 0.2639, 0.3561

Triad

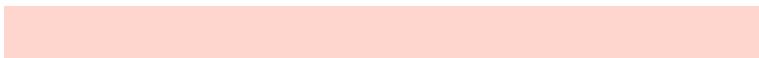
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.0826, 0.3021, 0.3921



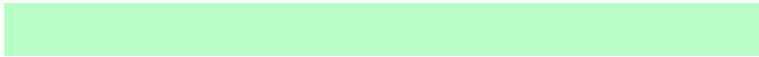
86.0826, 0.2469, 0.2618



86.0826, 0.3916, 0.3361

Complementary

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



86.0826, 0.3021, 0.3921



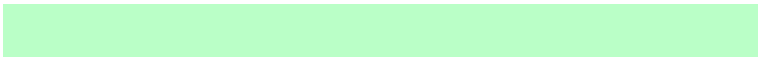
62.8115, 0.3256, 0.2732

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.



86.0826, 0.3617, 0.3024



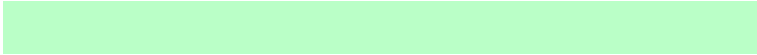
86.0826, 0.3021, 0.3921



86.0826, 0.2771, 0.2610

Square

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



86.0826, 0.3021, 0.3921



86.0826, 0.2337, 0.2797



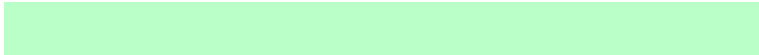
86.0826, 0.3189, 0.2757



86.0826, 0.3983, 0.3703

Rectangle

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



86.0826, 0.3021, 0.3921



86.0826, 0.2458, 0.3274



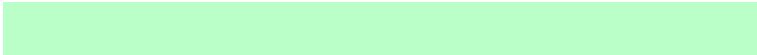
86.0826, 0.3189, 0.2757



86.0826, 0.3838, 0.3244

Sweetspot

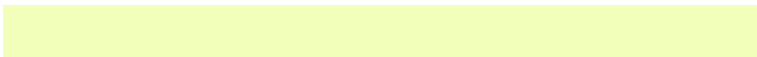
The Sweet Spot groups the original color and five complimentary colors.



86.0862, 0.3021, 0.3921



95.3122, 0.3096, 0.3456



94.0067, 0.3452, 0.3988



20.2238, 0.3090, 0.3489



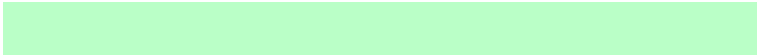
0.0000, 0.0000, 0.0000



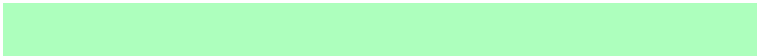
21.4041, 0.3127, 0.3290

Same Dimension

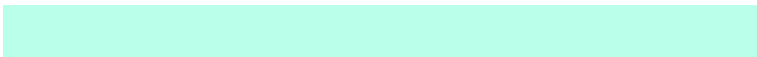
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.0862, 0.3021, 0.3921



84.1111, 0.3003, 0.4058



87.8564, 0.2841, 0.3528



20.2238, 0.3090, 0.3489



37.4973, 0.2951, 0.5823



3.6651, 0.2898, 0.5634

Inverse Universe

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



62.8115, 0.3256, 0.2732



57.5742, 0.3284, 0.2628



60.9447, 0.3530, 0.3066



18.2385, 0.3167, 0.3099



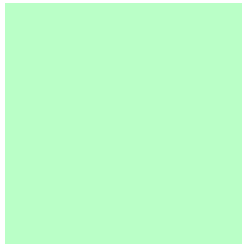
13.4884, 0.3750, 0.1840



1.3277, 0.3677, 0.1799

Previews

White Background



This preview shows how the Yxy color 86.0826, 0.3021, 0.3921 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 86.0826, 0.3021, 0.3921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

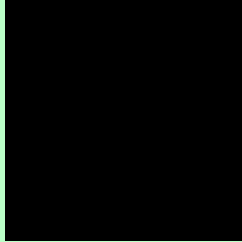
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 86.0826, 0.3021, 0.3921

Background



This preview shows how black text looks on a background with the Yxy color 86.0826, 0.3021, 0.3921.

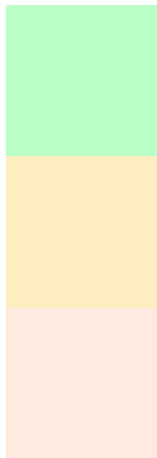


This preview shows how white text looks on a background with the Yxy color 86.0826, 0.3021, 0.3921.

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

86.0826, 0.3021, 0.3921

Protanopia

85.2126, 0.3534, 0.3755

Deuteranopia

85.4334, 0.3342, 0.3400



Tritanopia

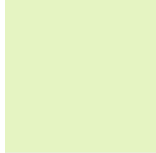
85.7683, 0.2883, 0.3166

Trichromacy



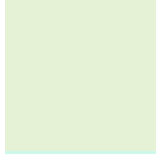
Original Color

86.0826, 0.3021, 0.3921



Protanomaly

85.2544, 0.3333, 0.3819



Deuteranomaly

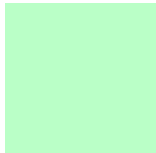
85.1823, 0.3219, 0.3583



Tritanomaly

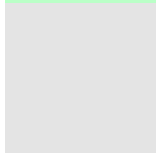
85.3571, 0.2929, 0.3418

Monochromacy



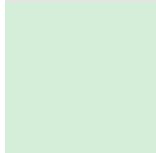
Original Color

86.0826, 0.3021, 0.3921



Achromatopsia

77.5822, 0.3127, 0.3290



Achromatomaly

80.3050, 0.3090, 0.3518

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.0826, 0.3021, 0.3921 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(186, 255, 199)` looks like.

```
.text, #text, p{  
    color:rgb(186, 255, 199)  
}
```

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(186, 255, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 255, 199) }
```

Border

The CSS property to change the border of an element to Yxy 86.0826, 0.3021, 0.3921 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(186, 255, 199) }
```

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

```
.border{ border-color:rgb(186, 255, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 255, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 255, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 255, 199);  
box-shadow:4px 4px 4px 4px rgb(186, 255,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 86.0826, 0.3021, 0.3921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 255, 199) }
```

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

```
.background{ background-color: rgb(186,  
255, 199) }
```

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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