

Converting Colors

$Yxy(86.0929, 0.3134, 0.3802)$

Have a look what the booklet for
Yxy(86.0929, 0.3134, 0.3802)
contains.

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Color

Yxy(86.0929, 0.3134, 0.3802)

Conversions

Conversions Part 1

Format	Color
Hex	D0FACB
RGB	208, 250, 203
RGB Percent	82%, 98%, 80%
CMY	0.1845, 0.0195, 0.2039
CMYK	0.17, 0.00, 0.19, 0.02
HSL	114°, 83%, 89%
HSV	114°, 19%, 98%
XYZ	70.9666, 86.0929, 69.3815
YIQ	232.0840, -9.9450, -23.5210

Conversions

Conversions Part 2

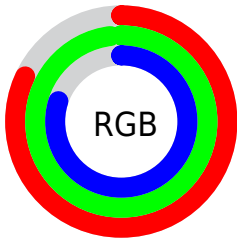
Format	Color
RYB	203, 250, 245
Decimal	13695691
CIELab	94.35, -22.05, 18.16
CIELCh	94, 28.567, 140.533
Yxy	86.0929, 0.3134, 0.3802
Android (android.graphics.Color)	4291885771 (0xFFD0FACB)
YUV	232.0840, -14.3384, -21.1217
Hunter-Lab	92.7863, -25.8520, 20.6159

Details

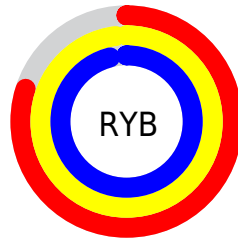
The Yxy color **86.0929, 0.3134, 0.3802** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **69.0465, 0.3113, 0.2817**, and the grayscale version is **80.8727, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.0822, 0.3129, 0.3915** is the 20% darker color. If you saturate the color by 10%, you get **81.9822, 0.3134, 0.4119**, and if you desaturate by 10%, it is **90.8607, 0.3131, 0.3515**.

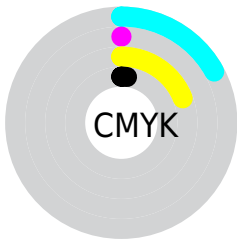
Distribution



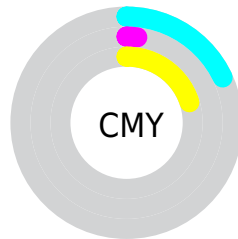
- Red (82%)
- Green (98%)
- Blue (80%)



- Red (80%)
- Yellow (98%)
- Blue (96%)



- Cyan (17%)
- Magenta (0%)
- Yellow (19%)
- Black (2%)





- Cyan (18%)
- Magenta (2%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.0929, 0.3134, 0.3802 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 86.0929, 0.3134, 0.3802 by changing the saturation by 10% instead.

 86.0929, 0.3134,
0.3802

 86.0929, 0.3134,
0.3802

515.2375, 0.3135,
0.3564

 64.7448, 0.3133,
0.3856

141.8991, 0.3135,
0.3719

 47.2542, 0.3131,
0.3924


177.1260, 0.3135,
0.3687

 33.2366, 0.3128,
0.4009


217.7480, 0.3135,
0.3660

 22.3078, 0.3122,
0.4120

264.1494, 0.3135,
0.3636

 14.0832, 0.3112,
0.4271

316.7147, 0.3135,
0.3615

 8.1786, 0.3094,
0.4489

375.8282, 0.3135,

 4.2094, 0.3054,

0.3596

0.4826

441.8743, 0.3135,
0.3579

■ 1.7914, 0.3029,
0.5545

■ 0.4818, 0.0000,
1.0000

■ 86.0929, 0.3134,
0.3802

■ 86.0929, 0.3134,
0.3802

■ 81.9822, 0.3134,
0.4119

■ 90.8607, 0.3131,
0.3515

■ 78.4894, 0.3131,
0.4461

■ 96.3010, 0.3127,
0.3261

■ 75.5876, 0.3123,
0.4813

■ 96.8623, 0.3129,
0.3243

■ 73.2441, 0.3109,
0.5156

■ 71.4227, 0.3091,
0.5465

■ 70.0829, 0.3069,
0.5715

■ 69.1781, 0.3045,
0.5886

■ 68.6491, 0.3022,
0.5976

■ 68.6053, 0.3020,
0.5984

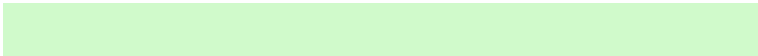
Harmonies

Analogous

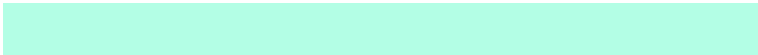
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.0929, 0.3452, 0.3872



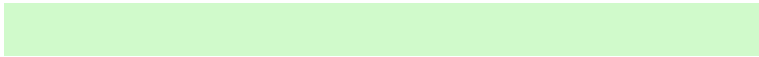
86.0929, 0.3134, 0.3802



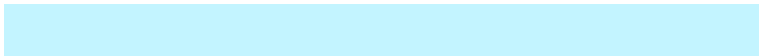
86.0929, 0.2825, 0.3570

Triad

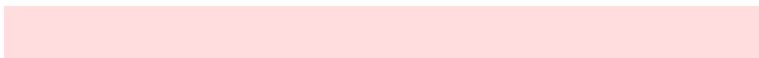
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.0929, 0.3134, 0.3802



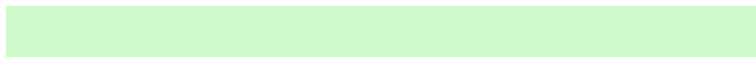
86.0929, 0.2584, 0.2801



86.0929, 0.3677, 0.3283

Complementary

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



86.0929, 0.3134, 0.3802



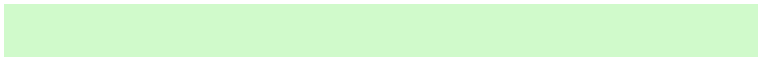
69.0465, 0.3113, 0.2817

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.



86.0929, 0.3422, 0.3029



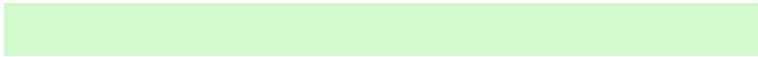
86.0929, 0.3134, 0.3802



86.0929, 0.2789, 0.2757

Square

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



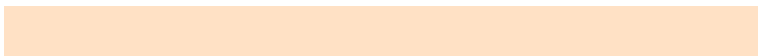
86.0929, 0.3134, 0.3802



86.0929, 0.2518, 0.2977



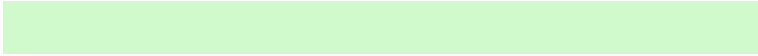
86.0929, 0.3093, 0.2841



86.0929, 0.3777, 0.3551

Rectangle

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



86.0929, 0.3134, 0.3802



86.0929, 0.2664, 0.3364



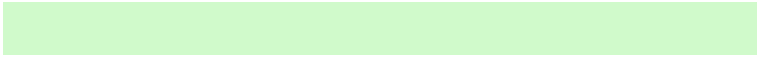
86.0929, 0.3093, 0.2841



86.0929, 0.3606, 0.3194

Sweetspot

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



86.0966, 0.3134, 0.3802



96.5483, 0.3130, 0.3441



89.6624, 0.3421, 0.3708



20.5882, 0.3130, 0.3458



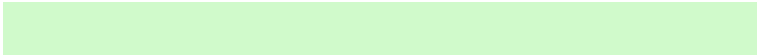
0.0000, 0.0000, 0.0000



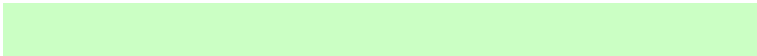
21.4041, 0.3127, 0.3290

Same Dimension

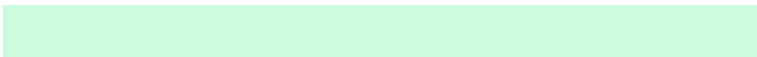
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.0966, 0.3134, 0.3802



88.1492, 0.3134, 0.3933



86.3021, 0.3001, 0.3604



19.3964, 0.3131, 0.3534



36.4131, 0.3025, 0.5980



3.4004, 0.3075, 0.5941

Inverse Universe

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



69.0465, 0.3113, 0.2817



66.9684, 0.3108, 0.2708



68.8695, 0.3278, 0.2996



17.4265, 0.3121, 0.3055



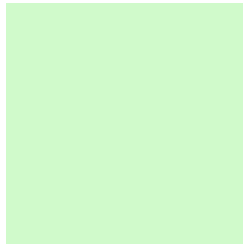
12.0832, 0.2946, 0.1396



1.1449, 0.2979, 0.1415

Previews

White Background



This preview shows how the Yxy color 86.0929, 0.3134, 0.3802 looks on a white background.

Color Contrast Check

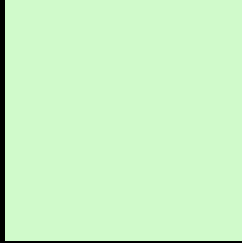
Large Text (above 18pt) WCAG AA × Fail

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 86.0929, 0.3134, 0.3802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

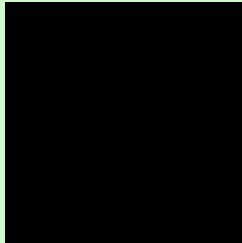
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

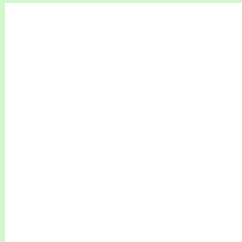
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.0929, 0.3134, 0.3802

Background



This preview shows how black text looks on a background with the Yxy color 86.0929, 0.3134, 0.3802.

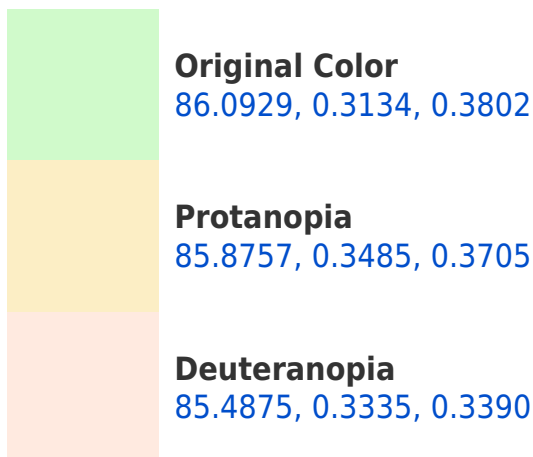


This preview shows how white text looks on a background with the Yxy color 86.0929, 0.3134, 0.3802.

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

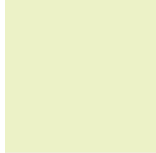
85.9779, 0.2937, 0.3147

Trichromacy



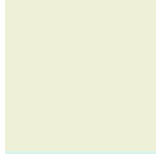
Original Color

86.0929, 0.3134, 0.3802



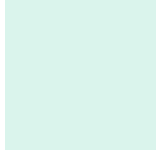
Protanomaly

85.4606, 0.3353, 0.3738



Deuteranomaly

85.4552, 0.3263, 0.3537



Tritanomaly

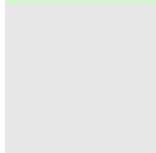
85.6629, 0.3009, 0.3373

Monochromacy



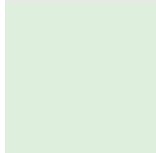
Original Color

86.0929, 0.3134, 0.3802



Achromatopsia

80.6952, 0.3127, 0.3290



Achromatomaly

82.6414, 0.3131, 0.3481

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.0929, 0.3134, 0.3802 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(208, 250, 203)` looks like.

```
.text, #text, p{  
    color:rgb(208, 250, 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(208, 250, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 250, 203) }
```

Border

The CSS property to change the border of an element to Yxy 86.0929, 0.3134, 0.3802 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(208, 250, 203) }
```

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

```
.border{ border-color:rgb(208, 250, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 250, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 250, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 250, 203);  
box-shadow:4px 4px 4px 4px rgb(208, 250,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 86.0929, 0.3134, 0.3802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 250, 203) }
```

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

```
.background{ background-color: rgb(208,  
250, 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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