

Converting Colors

Yxy(86.3813, 0.3143, 0.3890)

Have a look what the booklet for
Yxy(86.3813, 0.3143, 0.3890)
contains.

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Color

Yxy(86.4894, 0.3142, 0.3894)

Conversions

Conversions Part 1

Format	Color
Hex	CCFCC5
RGB	204, 252, 197
RGB Percent	80%, 99%, 77%
CMY	0.2000, 0.0117, 0.2275
CMYK	0.19, 0.00, 0.22, 0.01
HSL	112°, 90%, 88%
HSV	112°, 22%, 99%
XYZ	69.7868, 86.4894, 65.8332
YIQ	231.3780, -10.9530, -27.2810

Conversions

Conversions Part 2

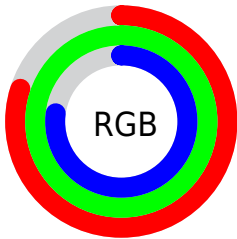
Format	Color
RYB	197, 252, 245
Decimal	13434053
CIELab	94.52, -25.31, 21.44
CIELCh	95, 33.167, 139.739
Yxy	86.4894, 0.3142, 0.3894
Android (android.graphics.Color)	4291624133 (0xFFCCFCC5)
YUV	231.3780, -16.9484, -24.0105
Hunter-Lab	92.9997, -28.8034, 23.1292

Details

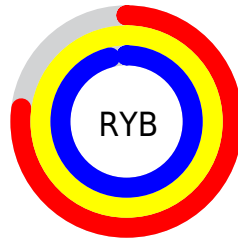
The Yxy color **86.4894, 0.3142, 0.3894** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **66.3725, 0.3101, 0.2737**, and the grayscale version is **80.3422, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **47.4029, 0.3139, 0.4036** is the 20% darker color. If you saturate the color by 10%, you get **82.5412, 0.3144, 0.4218**, and if you desaturate by 10%, it is **91.0770, 0.3136, 0.3598**.

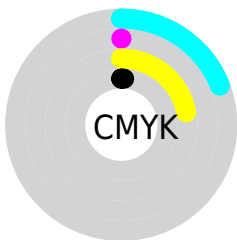
Distribution



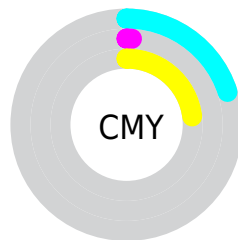
- Red (80%)
- Green (99%)
- Blue (77%)



- Red (77%)
- Yellow (99%)
- Blue (96%)



- Cyan (19%)
- Magenta (0%)
- Yellow (22%)
- Black (1%)





- Cyan (20%)
- Magenta (1%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.4894, 0.3142, 0.3894 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 86.4894, 0.3142, 0.3894 by changing the saturation by 10% instead.


 86.4894, 0.3142,
0.3894

 86.4894, 0.3142,
0.3894


516.5436, 0.3141,
0.3613

 65.0727, 0.3141,
0.3959


142.4522, 0.3143,
0.3796

 47.5201, 0.3139,
0.4038


177.7672, 0.3143,
0.3758

 33.4470, 0.3135,
0.4140


218.4837, 0.3143,
0.3725

 22.4691, 0.3128,
0.4272

264.9862, 0.3142,
0.3697

 14.2020, 0.3116,
0.4452

317.6590, 0.3142,
0.3672

 8.2613, 0.3091,
0.4711


376.8866, 0.3142,

 4.2626, 0.3037,


0.3650


0.5110


443.0533, 0.3141,
0.3630

 1.8215, 0.3055,
0.6102


 0.5005, 0.0000,
1.0000


 86.4894, 0.3142,
0.3894


 86.4894, 0.3142,
0.3894


 82.5412, 0.3144,
0.4218


 91.0770, 0.3136,
0.3598

 79.1934, 0.3142,
0.4562

 96.3192, 0.3129,
0.3335

 76.4198, 0.3135,
0.4912

 98.1065, 0.3128,
0.3262

 74.1878, 0.3121,
0.5246

■ 72.4614, 0.3101,
0.5538

■ 71.2002, 0.3075,
0.5766

■ 70.3576, 0.3048,
0.5914

■ 69.9343, 0.3027,
0.5978

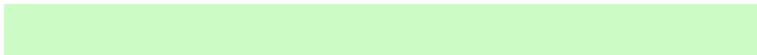
Harmonies

Analogous

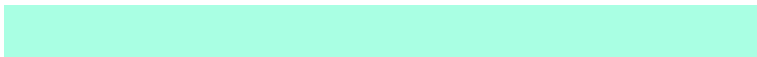
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.4894, 0.3510, 0.3966



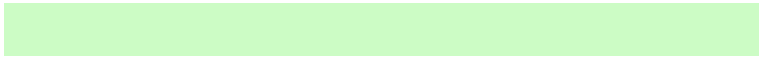
86.4894, 0.3142, 0.3894



86.4894, 0.2784, 0.3625

Triad

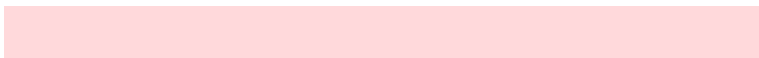
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.4894, 0.3142, 0.3894



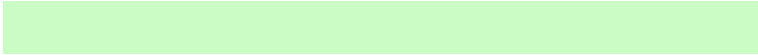
86.4894, 0.2498, 0.2728



86.4894, 0.3760, 0.3270

Complementary

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



86.4894, 0.3142, 0.3894



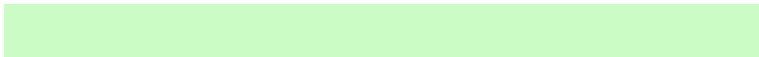
66.3725, 0.3101, 0.2737

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.



86.4894, 0.3458, 0.2983



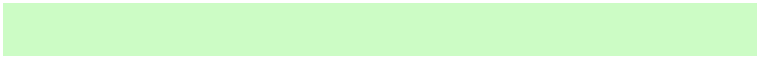
86.4894, 0.3142, 0.3894



86.4894, 0.2728, 0.2677

Square

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



86.4894, 0.3142, 0.3894



86.4894, 0.2427, 0.2932



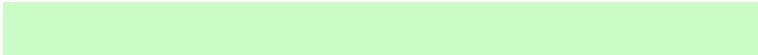
86.4894, 0.3076, 0.2771



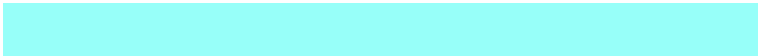
86.4894, 0.3881, 0.3578

Rectangle

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



86.4894, 0.3142, 0.3894



86.4894, 0.2598, 0.3383



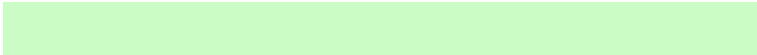
86.4894, 0.3076, 0.2771



86.4894, 0.3676, 0.3169

Sweetspot

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



86.4931, 0.3142, 0.3894



96.0671, 0.3133, 0.3467



89.8354, 0.3472, 0.3768



20.4931, 0.3133, 0.3483



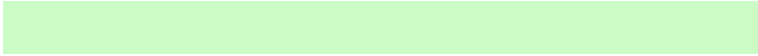
0.0000, 0.0000, 0.0000



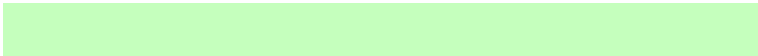
21.4041, 0.3127, 0.3290

Same Dimension

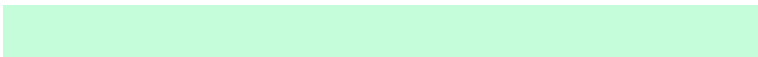
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.4931, 0.3142, 0.3894



87.0691, 0.3143, 0.4027



86.5141, 0.2987, 0.3671



19.4149, 0.3135, 0.3534



36.4604, 0.3033, 0.5974



3.4091, 0.3090, 0.5929

Inverse Universe

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



66.3725, 0.3101, 0.2737



63.1821, 0.3094, 0.2628



66.4429, 0.3300, 0.2937



17.4060, 0.3118, 0.3055



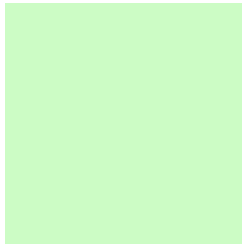
11.6287, 0.2890, 0.1366



1.1073, 0.2930, 0.1388

Previews

White Background



This preview shows how the Yxy color 86.4894, 0.3142, 0.3894 looks on a white background.

Color Contrast Check

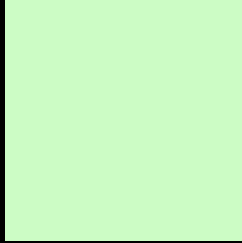
Large Text (above 18pt) WCAG AA × Fail

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 86.4894, 0.3142, 0.3894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

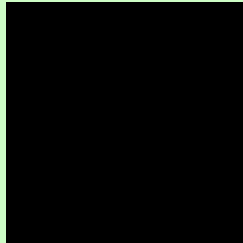
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

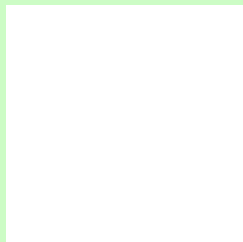
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.4894, 0.3142, 0.3894

Background



This preview shows how black text looks on a background with the Yxy color 86.4894, 0.3142, 0.3894.

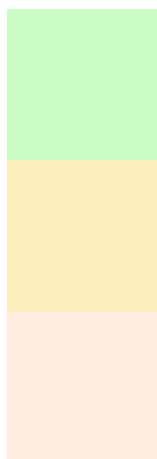


This preview shows how white text looks on a background with the Yxy color 86.4894, 0.3142, 0.3894.

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

86.4894, 0.3142, 0.3894

Protanopia

85.7494, 0.3538, 0.3775

Deuteranopia

86.0585, 0.3334, 0.3400



Tritanopia

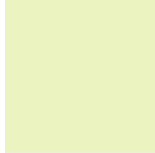
86.4122, 0.2931, 0.3157

Trichromacy



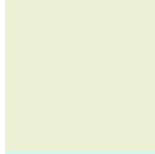
Original Color

86.4894, 0.3142, 0.3894



Protanomaly

85.6136, 0.3382, 0.3813



Deuteranomaly

85.5985, 0.3260, 0.3570



Tritanomaly

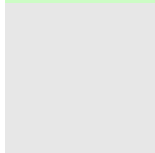
86.4510, 0.3008, 0.3416

Monochromacy



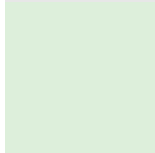
Original Color

86.4894, 0.3142, 0.3894



Achromatopsia

79.9103, 0.3127, 0.3290



Achromatomaly

82.2196, 0.3130, 0.3503

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.4894, 0.3142, 0.3894 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(204, 252, 197)` looks like.

```
.text, #text, p{  
    color:rgb(204, 252, 197)  
}
```

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(204, 252, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 252, 197) }
```

Border

The CSS property to change the border of an element to Yxy 86.4894, 0.3142, 0.3894 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(204, 252, 197) }
```

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

```
.border{ border-color:rgb(204, 252, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 252, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 252, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 252, 197);  
box-shadow:4px 4px 4px 4px rgb(204, 252,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 86.4894, 0.3142, 0.3894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 252, 197) }
```

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

```
.background{ background-color: rgb(204,  
252, 197) }
```

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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