

Converting Colors

$Yxy(94.8591, 0.3129, 0.3894)$

Have a look what the booklet for
Yxy(94.8591, 0.3129, 0.3894)
contains.

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Color

Yxy(89.8251, 0.3133, 0.3815)

Conversions

Conversions Part 1

Format	Color
Hex	D3FFCE
RGB	211, 255, 206
RGB Percent	83%, 100%, 81%
CMY	0.1725, 0.0000, 0.1920
CMYK	0.17, 0.00, 0.19, 0.00
HSL	114°, 100%, 90%
HSV	114°, 19%, 100%
XYZ	73.7672, 89.8251, 71.8601
YIQ	236.2580, -10.4950, -24.5670

Conversions

Conversions Part 2

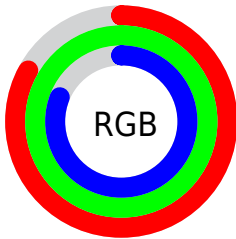
Format	Color
R _Y B	206, 255, 250
Decimal	13893582
CIE Lab	95.92, -22.94, 18.84
CIE LCh	96, 29.686, 140.599
Yxy	89.8251, 0.3133, 0.3815
Android (android.graphics.Color)	4292083662 (0xFFD3FFCE)
YUV	236.2580, -14.9172, -22.1513
Hunter-Lab	94.7761, -26.9260, 21.3891

Details

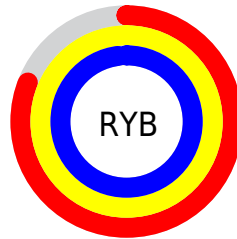
The Yxy color **89.8251, 0.3133, 0.3815** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **71.7061, 0.3114, 0.2806**, and the grayscale version is **84.2134, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.7231, 0.3128, 0.3930** is the 20% darker color. If you saturate the color by 10%, you get **85.5398, 0.3132, 0.4134**, and if you desaturate by 10%, it is **94.7971, 0.3131, 0.3526**.

Distribution



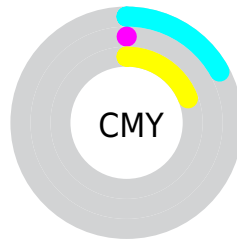
- Red (83%)
- Green (100%)
- Blue (81%)



- Red (81%)
- Yellow (100%)
- Blue (98%)



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.8251, 0.3133, 0.3815 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 89.8251, 0.3133, 0.3815 by changing the saturation by 10% instead.


 89.8251, 0.3133,
0.3815

 89.8251, 0.3133,
0.3815


527.4617, 0.3135,
0.3573

 67.8356, 0.3132,
0.3870


147.0954, 0.3134,
0.3731

 49.7640, 0.3130,
0.3938


183.1450, 0.3135,
0.3699

 35.2259, 0.3126,
0.4023

224.6501, 0.3135,
0.3671

 23.8369, 0.3120,
0.4134

271.9951, 0.3135,
0.3646

 15.2127, 0.3110,
0.4285

325.5644, 0.3135,
0.3624

 8.9688, 0.3091,
0.4498

385.7423, 0.3135,

 4.7208, 0.3052,

0.3605

452.9133, 0.3135,
0.3588

0.4825

2.0844, 0.2991,
0.5438

0.6558, 0.0881,
0.9119

89.8251, 0.3133,
0.3815

89.8251, 0.3133,
0.3815

85.5398, 0.3132,
0.4134

94.7971, 0.3131,
0.3526

81.9061, 0.3128,
0.4477

100.0000, 0.3127,
0.3290

78.8936, 0.3120,
0.4830

76.4673, 0.3106,
0.5173

■ 74.5887, 0.3088,
0.5480

■ 73.2148, 0.3066,
0.5727

■ 72.2957, 0.3042,
0.5894

■ 71.7673, 0.3020,
0.5980

■ 71.7382, 0.3019,
0.5985

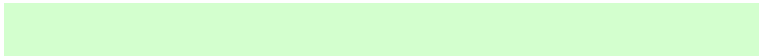
Harmonies

Analogous

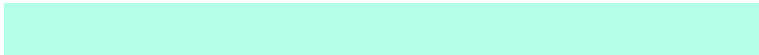
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.8251, 0.3459, 0.3887



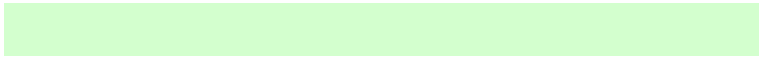
89.8251, 0.3133, 0.3815



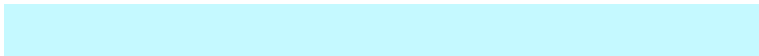
89.8251, 0.2817, 0.3576

Triad

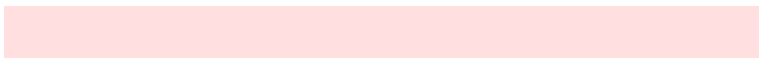
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.8251, 0.3133, 0.3815



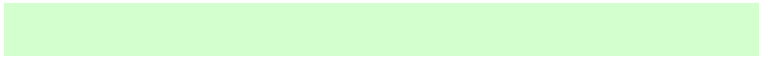
89.8251, 0.2572, 0.2789



89.8251, 0.3692, 0.3283

Complementary

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



89.8251, 0.3133, 0.3815



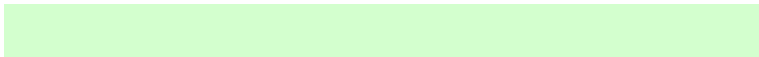
71.7061, 0.3114, 0.2806

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.



89.8251, 0.3430, 0.3024



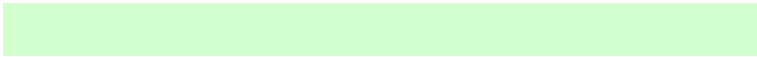
89.8251, 0.3133, 0.3815



89.8251, 0.2782, 0.2744

Square

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



89.8251, 0.3133, 0.3815



89.8251, 0.2504, 0.2969



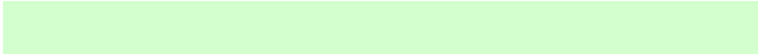
89.8251, 0.3093, 0.2831



89.8251, 0.3793, 0.3557

Rectangle

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



89.8251, 0.3133, 0.3815



89.8251, 0.2652, 0.3365



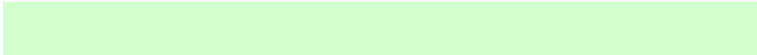
89.8251, 0.3093, 0.2831



89.8251, 0.3619, 0.3192

Sweetspot

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



89.8268, 0.3133, 0.3815



96.5388, 0.3130, 0.3441



93.6465, 0.3427, 0.3717



20.5860, 0.3130, 0.3458



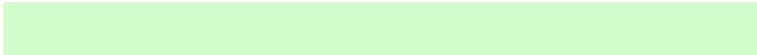
0.0000, 0.0000, 0.0000



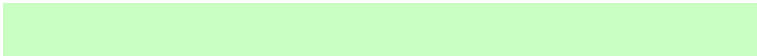
21.4041, 0.3127, 0.3290

Same Dimension

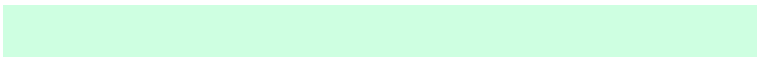
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.8268, 0.3133, 0.3815



88.1206, 0.3133, 0.3933



90.0715, 0.2999, 0.3612



20.2563, 0.3131, 0.3535



37.5134, 0.3023, 0.5981



3.6804, 0.3070, 0.5945

Inverse Universe

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



71.7061, 0.3114, 0.2806



67.0060, 0.3110, 0.2708



71.4863, 0.3282, 0.2989



18.2012, 0.3122, 0.3055



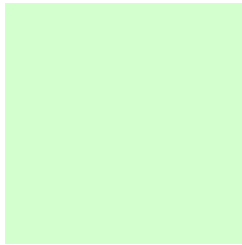
12.5244, 0.2954, 0.1401



1.2454, 0.2985, 0.1418

Previews

White Background



This preview shows how the Yxy color 89.8251, 0.3133, 0.3815 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 89.8251, 0.3133, 0.3815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

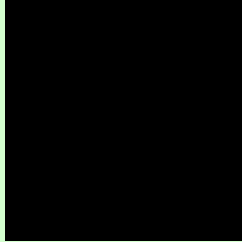
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

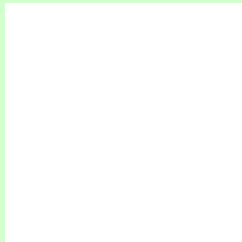
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.8251, 0.3133, 0.3815

Background



This preview shows how black text looks on a background with the Yxy color 89.8251, 0.3133, 0.3815.

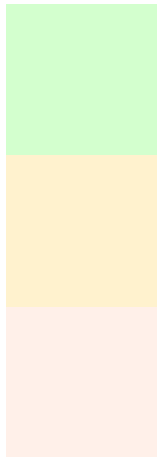


This preview shows how white text looks on a background with the Yxy color 89.8251, 0.3133, 0.3815.

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

89.8251, 0.3133, 0.3815

Protanopia

89.2205, 0.3441, 0.3649

Deuteranopia

89.4634, 0.3271, 0.3359



Tritanopia

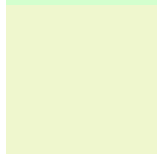
89.6806, 0.2987, 0.3190

Trichromacy



Original Color

89.8251, 0.3133, 0.3815



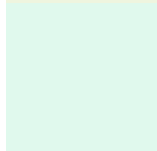
Protanomaly

89.3285, 0.3323, 0.3711



Deuteranomaly

88.9833, 0.3221, 0.3514



Tritanomaly

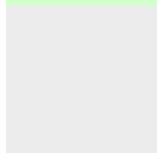
89.7131, 0.3040, 0.3413

Monochromacy



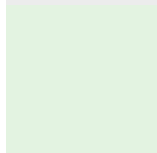
Original Color

89.8251, 0.3133, 0.3815



Achromatopsia

83.8799, 0.3127, 0.3290



Achromatomaly

85.8683, 0.3131, 0.3478

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.8251, 0.3133, 0.3815 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(211, 255, 206)` looks like.

```
.text, #text, p{  
    color:rgb(211, 255, 206)  
}
```

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(211, 255, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 255, 206) }
```

Border

The CSS property to change the border of an element to Yxy 89.8251, 0.3133, 0.3815 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(211, 255, 206) }
```

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

```
.border{ border-color:rgb(211, 255, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 255, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 255, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 255, 206);  
box-shadow:4px 4px 4px 4px rgb(211, 255,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 89.8251, 0.3133, 0.3815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 255, 206) }
```

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

```
.background{ background-color: rgb(211,  
255, 206) }
```

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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