

Converting Colors

Yxy(89.0496, 0.3108, 0.3831)

Have a look what the booklet for
Yxy(89.0496, 0.3108, 0.3831)
contains.

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Color

Yxy(89.0496, 0.3108, 0.3831)

Conversions

Conversions Part 1

Format	Color
Hex	CEFFCD
RGB	206, 255, 205
RGB Percent	81%, 100%, 80%
CMY	0.1920, 0.0000, 0.1960
CMYK	0.19, 0.00, 0.20, 0.00
HSL	119°, 100%, 90%
HSV	119°, 20%, 100%
XYZ	72.2438, 89.0496, 71.1514
YIQ	234.6490, -13.1540, -25.9380

Conversions

Conversions Part 2

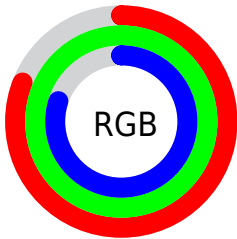
Format	Color
RYB	205, 255, 254
Decimal	13565901
CIELab	95.60, -24.73, 18.86
CIELCh	96, 31.103, 142.671
Yxy	89.0496, 0.3108, 0.3831
Android (android.graphics.Color)	4291755981 (0xFFCEFFCD)
YUV	234.6490, -14.6170, -25.1252
Hunter-Lab	94.3661, -28.4864, 21.3520

Details

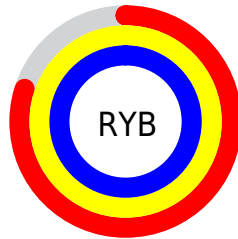
The Yxy color **89.0496, 0.3108, 0.3831** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **71.9590, 0.3143, 0.2801**, and the grayscale version is **82.9268, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.2018, 0.3096, 0.3952** is the 20% darker color. If you saturate the color by 10%, you get **84.6240, 0.3096, 0.4157**, and if you desaturate by 10%, it is **94.2516, 0.3119, 0.3538**.

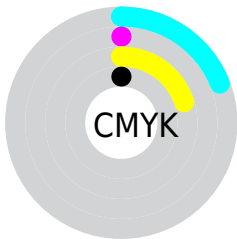
Distribution



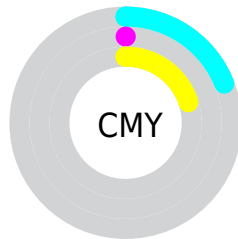
- Red (81%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (100%)



- Cyan (19%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)




- Cyan (19%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 89.0496, 0.3108, 0.3831 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 89.0496, 0.3108, 0.3831 by changing the saturation by 10% instead.

 89.0496, 0.3108,
0.3831

 89.0496, 0.3108,
0.3831


524.9344, 0.3121,
0.3581

 67.1927, 0.3104,
0.3888


146.0175, 0.3113,
0.3744

 49.2412, 0.3099,
0.3958


181.8973, 0.3115,
0.3711

 34.8109, 0.3091,
0.4047


223.2202, 0.3117,
0.3681

 23.5172, 0.3080,
0.4163

270.3705, 0.3118,
0.3656

 14.9759, 0.3063,
0.4321

323.7327, 0.3119,
0.3634

 8.8025, 0.3033,
0.4545

383.6911, 0.3120,

 4.6126, 0.2978,

0.3614

0.4890

450.6302, 0.3120,
0.3597

■ 2.0218, 0.2896,
0.5559

■ 0.6201, 0.0000,
1.0000

■ 89.0496, 0.3108,
0.3831

■ 89.0496, 0.3108,
0.3831

■ 84.6240, 0.3096,
0.4157

■ 94.2516, 0.3119,
0.3538

■ 80.9269, 0.3081,
0.4508

99.9964, 0.3127,
0.3290

■ 77.9228, 0.3066,
0.4869

■ 75.5684, 0.3050,
0.5218

■ 73.8157, 0.3034,
0.5526

■ 72.6103, 0.3020,
0.5768

■ 71.8877, 0.3009,
0.5923

■ 71.5588, 0.3003,
0.5996

■ 71.5500, 0.3003,
0.5998

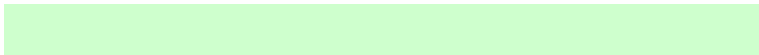
Harmonies

Analogous

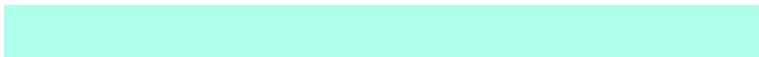
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.0496, 0.3453, 0.3919



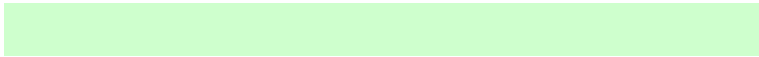
89.0496, 0.3108, 0.3831



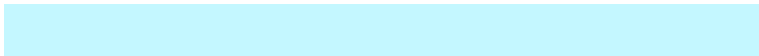
89.0496, 0.2781, 0.3569

Triad

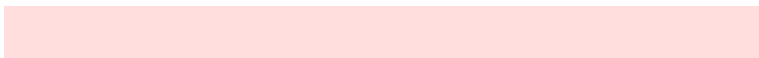
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.0496, 0.3108, 0.3831



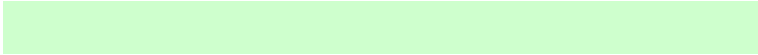
89.0496, 0.2555, 0.2756



89.0496, 0.3734, 0.3302

Complementary

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



89.0496, 0.3108, 0.3831



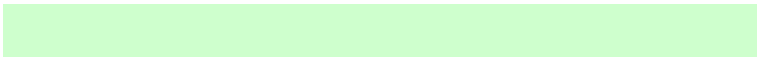
71.9590, 0.3143, 0.2801

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.



89.0496, 0.3468, 0.3028



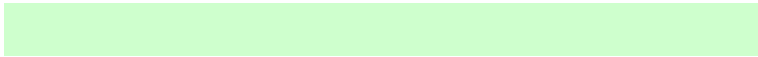
89.0496, 0.3108, 0.3831



89.0496, 0.2784, 0.2721

Square

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



89.0496, 0.3108, 0.3831



89.0496, 0.2474, 0.2934



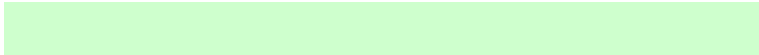
89.0496, 0.3115, 0.2820



89.0496, 0.3827, 0.3588

Rectangle

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



89.0496, 0.3108, 0.3831



89.0496, 0.2614, 0.3344



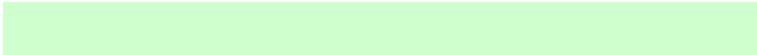
89.0496, 0.3115, 0.2820



89.0496, 0.3661, 0.3206

Sweetspot

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



89.0534, 0.3108, 0.3831



96.3209, 0.3122, 0.3441



96.1261, 0.3427, 0.3765



20.5347, 0.3121, 0.3459



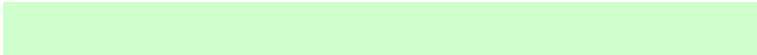
0.0000, 0.0000, 0.0000



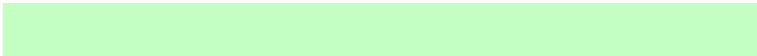
21.4041, 0.3127, 0.3290

Same Dimension

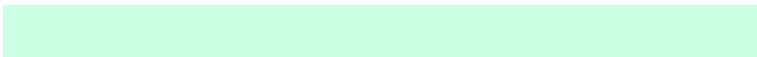
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.0534, 0.3108, 0.3831



87.0149, 0.3103, 0.3971



90.1193, 0.2974, 0.3573



20.1858, 0.3119, 0.3536



37.3960, 0.3004, 0.5997



3.6471, 0.3014, 0.5989

Inverse Universe

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



71.9590, 0.3143, 0.2801



66.7382, 0.3146, 0.2689



70.7402, 0.3316, 0.3023



18.2803, 0.3135, 0.3056



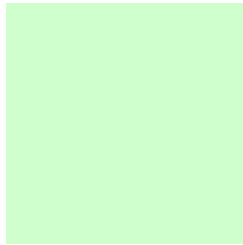
14.3806, 0.3158, 0.1513



1.4060, 0.3164, 0.1517

Previews

White Background



This preview shows how the Yxy color 89.0496, 0.3108, 0.3831 looks on a white background.

Color Contrast Check

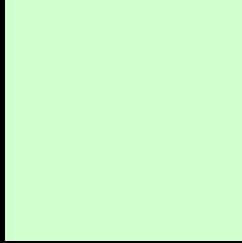
Large Text (above 18pt) WCAG AA × Fail

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 89.0496, 0.3108, 0.3831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

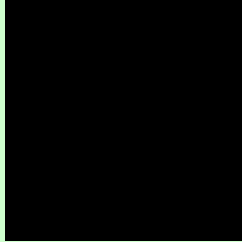
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

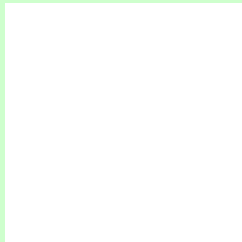
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.0496, 0.3108, 0.3831

Background



This preview shows how black text looks on a background with the Yxy color 89.0496, 0.3108, 0.3831.

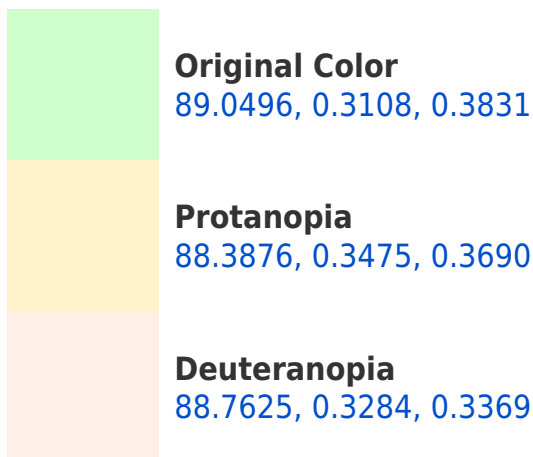


This preview shows how white text looks on a background with the Yxy color 89.0496, 0.3108, 0.3831.

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

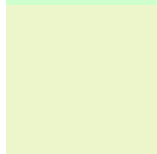
88.5794, 0.2968, 0.3179

Trichromacy



Original Color

89.0496, 0.3108, 0.3831



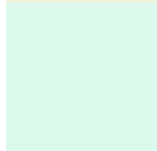
Protanomaly

88.1803, 0.3335, 0.3745



Deuteranomaly

88.5833, 0.3214, 0.3525



Tritanomaly

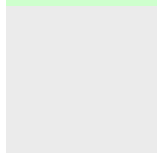
88.6214, 0.3022, 0.3404

Monochromacy



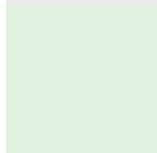
Original Color

89.0496, 0.3108, 0.3831



Achromatopsia

83.0770, 0.3127, 0.3290



Achromatomaly

84.7334, 0.3118, 0.3479

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.0496, 0.3108, 0.3831 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(206, 255, 205)` looks like.

```
.text, #text, p{  
    color:rgb(206, 255, 205)  
}
```

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(206, 255, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 255, 205) }
```

Border

The CSS property to change the border of an element to Yxy 89.0496, 0.3108, 0.3831 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(206, 255, 205) }
```

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

```
.border{ border-color:rgb(206, 255, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 255, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 255, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 255, 205);  
box-shadow:4px 4px 4px 4px rgb(206, 255,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 89.0496, 0.3108, 0.3831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 255, 205) }
```

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

```
.background{ background-color: rgb(206,  
255, 205) }
```

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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