

Converting Colors

$Yxy(88.1916, 0.3133, 0.3850)$

Have a look what the booklet for
Yxy(88.1916, 0.3133, 0.3850)
contains.

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Color

Yxy(88.4133, 0.3131, 0.3854)

Conversions

Conversions Part 1

Format	Color
Hex	CFFECA
RGB	207, 254, 202
RGB Percent	81%, 100%, 79%
CMY	0.1884, 0.0039, 0.2078
CMYK	0.19, 0.00, 0.20, 0.00
HSL	114°, 96%, 89%
HSV	114°, 20%, 100%
XYZ	71.8272, 88.4133, 69.1661
YIQ	234.0190, -11.3200, -26.1360

Conversions

Conversions Part 2

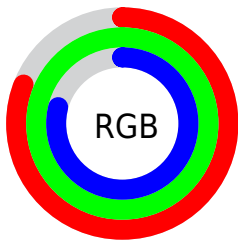
Format	Color
R_{YB}	202, 254, 249
Decimal	13631178
CIE _{Lab}	95.33, -24.46, 20.03
CIE _{LCh}	95, 31.617, 140.688
Yxy	88.4133, 0.3131, 0.3854
Android (android.graphics.Color)	4291821258 (0xFFCFFECA)
YUV	234.0190, -15.7854, -23.6957
Hunter-Lab	94.0283, -28.1955, 22.2069

Details

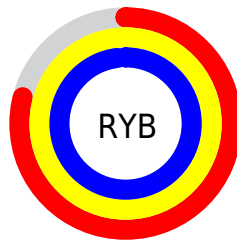
The Yxy color **88.4133, 0.3131, 0.3854** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **69.5587, 0.3115, 0.2774**, and the grayscale version is **82.4202, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.7460, 0.3125, 0.3982** is the 20% darker color. If you saturate the color by 10%, you get **84.2384, 0.3129, 0.4177**, and if you desaturate by 10%, it is **93.2758, 0.3130, 0.3561**.

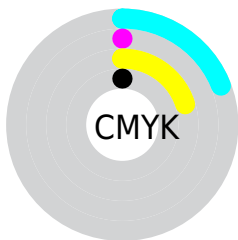
Distribution



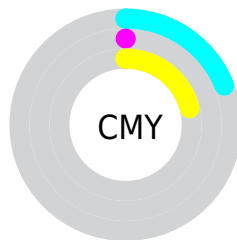
- Red (81%)
- Green (100%)
- Blue (79%)



- Red (79%)
- Yellow (100%)
- Blue (98%)



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





- Cyan (19%)
- Magenta (0%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.4133, 0.3131, 0.3854 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 88.4133, 0.3131, 0.3854 by changing the saturation by 10% instead.

 88.4133, 0.3131,
0.3854

 88.4133, 0.3131,
0.3854


522.8558, 0.3134,
0.3593

 66.6654, 0.3129,
0.3914


145.1324, 0.3133,
0.3763

 48.8128, 0.3126,
0.3987


180.8724, 0.3134,
0.3728

 34.4710, 0.3122,
0.4080

222.0453, 0.3134,
0.3698

 23.2556, 0.3114,
0.4202

269.0353, 0.3134,
0.3671

 14.7824, 0.3101,
0.4366

322.2270, 0.3134,
0.3648

 8.6668, 0.3078,
0.4602


382.0047, 0.3134,


 4.5245, 0.3029,


0.3628


0.4963


448.7528, 0.3134,
0.3609


 1.9711, 0.2984,
0.5717


 0.5906, 0.0000,
1.0000


 88.4133, 0.3131,
0.3854


 88.4133, 0.3131,
0.3854


 84.2384, 0.3129,
0.4177


 93.2758, 0.3130,
0.3561

 80.7093, 0.3124,
0.4522

 98.8430, 0.3127,
0.3301

 77.7971, 0.3114,
0.4876

 99.3725, 0.3128,
0.3281

 75.4661, 0.3099,
0.5216

■ 73.6771, 0.3081,
0.5518

■ 72.3860, 0.3059,
0.5755

■ 71.5413, 0.3036,
0.5911

■ 71.0885, 0.3017,
0.5986

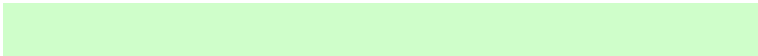
Harmonies

Analogous

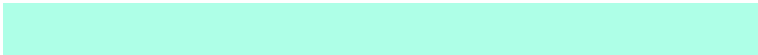
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.4133, 0.3480, 0.3930



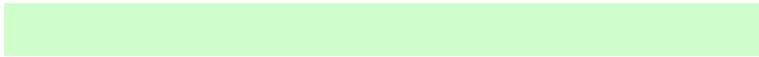
88.4133, 0.3131, 0.3854



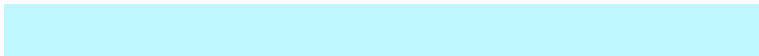
88.4133, 0.2794, 0.3596

Triad

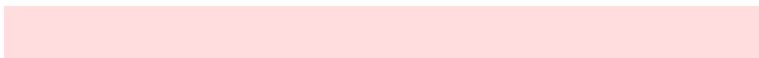
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.4133, 0.3131, 0.3854



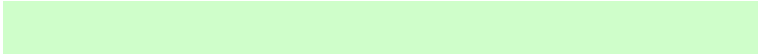
88.4133, 0.2535, 0.2754



88.4133, 0.3733, 0.3282

Complementary

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



88.4133, 0.3131, 0.3854



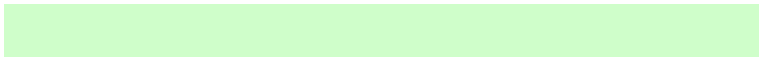
69.5587, 0.3115, 0.2774

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.



88.4133, 0.3452, 0.3006



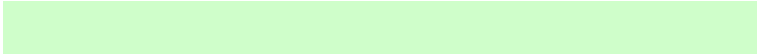
88.4133, 0.3131, 0.3854



88.4133, 0.2758, 0.2708

Square

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



88.4133, 0.3131, 0.3854



88.4133, 0.2462, 0.2944



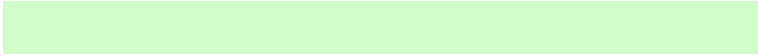
88.4133, 0.3091, 0.2801



88.4133, 0.3840, 0.3574

Rectangle

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



88.4133, 0.3131, 0.3854



88.4133, 0.2619, 0.3368



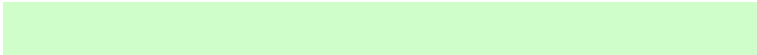
88.4133, 0.3091, 0.2801



88.4133, 0.3655, 0.3185

Sweetspot

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



88.4171, 0.3131, 0.3854



96.5214, 0.3129, 0.3441



92.9752, 0.3447, 0.3754



20.5819, 0.3129, 0.3458



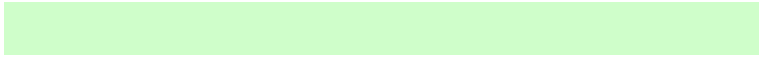
0.0000, 0.0000, 0.0000



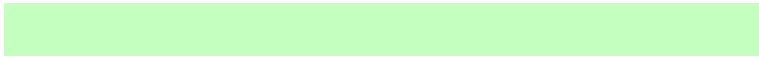
21.4041, 0.3127, 0.3290

Same Dimension

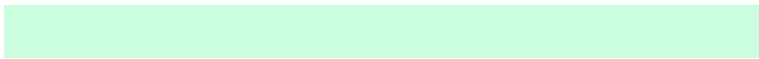
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.4171, 0.3131, 0.3854



87.2047, 0.3131, 0.3997



88.7692, 0.2986, 0.3626



20.2507, 0.3130, 0.3535



37.5010, 0.3021, 0.5983



3.6778, 0.3065, 0.5948

Inverse Universe

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



69.5587, 0.3115, 0.2774



64.7197, 0.3111, 0.2657



69.2180, 0.3300, 0.2977



18.2075, 0.3123, 0.3055



12.6652, 0.2971, 0.1410



1.2576, 0.2999, 0.1426

Previews

White Background



This preview shows how the Yxy color 88.4133, 0.3131, 0.3854 looks on a white background.

Color Contrast Check

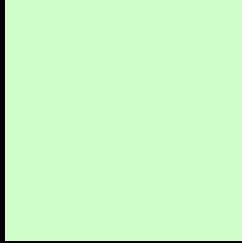
Large Text (above 18pt) WCAG AA × Fail

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 88.4133, 0.3131, 0.3854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

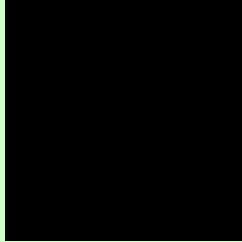
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

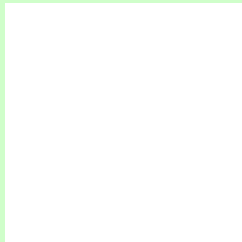
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.4133, 0.3131, 0.3854

Background



This preview shows how black text looks on a background with the Yxy color 88.4133, 0.3131, 0.3854.

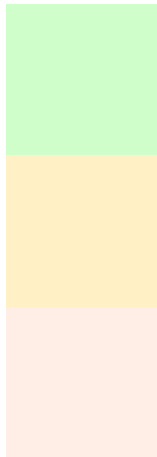


This preview shows how white text looks on a background with the Yxy color 88.4133, 0.3131, 0.3854.

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

88.4133, 0.3131, 0.3854

Protanopia

87.6114, 0.3503, 0.3721

Deuteranopia

88.0662, 0.3298, 0.3379



Tritanopia

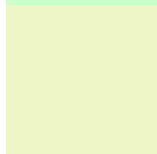
88.4153, 0.2962, 0.3179

Trichromacy



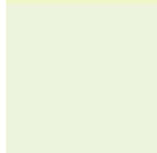
Original Color

88.4133, 0.3131, 0.3854



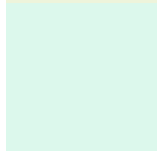
Protanomaly

87.6055, 0.3362, 0.3766



Deuteranomaly

87.9930, 0.3240, 0.3546



Tritanomaly

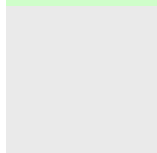
88.4066, 0.3021, 0.3414

Monochromacy



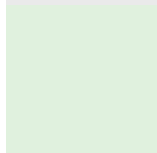
Original Color

88.4133, 0.3131, 0.3854



Achromatopsia

82.2786, 0.3127, 0.3290



Achromatomaly

84.0318, 0.3131, 0.3490

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.4133, 0.3131, 0.3854 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(207, 254, 202)` looks like.

```
.text, #text, p{  
    color:rgb(207, 254, 202)  
}
```

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(207, 254, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 254, 202) }
```

Border

The CSS property to change the border of an element to Yxy 88.4133, 0.3131, 0.3854 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(207, 254, 202) }
```

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

```
.border{ border-color:rgb(207, 254, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 254, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 254, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 254, 202);  
box-shadow:4px 4px 4px 4px rgb(207, 254,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 88.4133, 0.3131, 0.3854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 254, 202) }
```

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

```
.background{ background-color: rgb(207,  
254, 202) }
```

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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