

Converting Colors

Yxy(88.9484, 0.3150, 0.3898)

Have a look what the booklet for
Yxy(88.9484, 0.3150, 0.3898)
contains.

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Color

Yxy(88.9089, 0.3148, 0.3897)

Conversions

Conversions Part 1

Format	Color
Hex	CFFFC7
RGB	207, 255, 199
RGB Percent	81%, 100%, 78%
CMY	0.1879, 0.0001, 0.2195
CMYK	0.19, 0.00, 0.22, 0.00
HSL	111°, 100%, 89%
HSV	111°, 22%, 100%
XYZ	71.8207, 88.9089, 67.4174
YIQ	234.2640, -10.6320, -27.5920

Conversions

Conversions Part 2

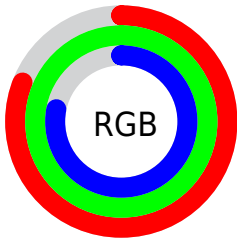
Format	Color
RYB	199, 255, 247
Decimal	13631431
CIELab	95.54, -25.37, 21.85
CIElCh	96, 33.483, 139.265
Yxy	88.9089, 0.3148, 0.3897
Android (android.graphics.Color)	4291821511 (0xFFCFFFC7)
YUV	234.2640, -17.3852, -23.9105
Hunter-Lab	94.2915, -29.0489, 23.6123

Details

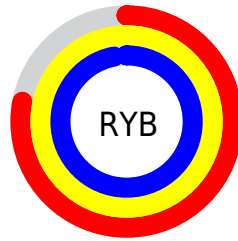
The Yxy color **88.9089, 0.3148, 0.3897** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **67.8315, 0.3093, 0.2732**, and the grayscale version is **82.6450, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.1079, 0.3146, 0.4038** is the 20% darker color. If you saturate the color by 10%, you get **84.8951, 0.3153, 0.4220**, and if you desaturate by 10%, it is **93.5631, 0.3140, 0.3602**.

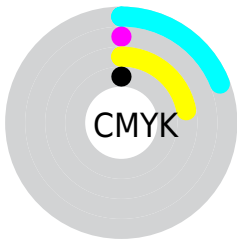
Distribution



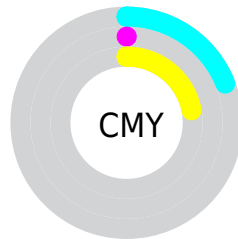
- Red (81%)
- Green (100%)
- Blue (78%)



- Red (78%)
- Yellow (100%)
- Blue (97%)



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.9089, 0.3148, 0.3897 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 88.9089, 0.3148, 0.3897 by changing the saturation by 10% instead.

 88.9089, 0.3148,
0.3897

 88.9089, 0.3148,
0.3897


524.4751, 0.3144,
0.3616

 67.0761, 0.3147,
0.3961


145.8219, 0.3148,
0.3799

 49.1464, 0.3146,
0.4040


181.6708, 0.3147,
0.3761

 34.7357, 0.3143,
0.4141


222.9605, 0.3147,
0.3729

 23.4593, 0.3138,
0.4271

270.0754, 0.3146,
0.3700

 14.9330, 0.3127,
0.4448

323.4000, 0.3146,
0.3675

 8.7724, 0.3105,
0.4700


383.3185, 0.3145,


 4.5930, 0.3056,


0.3653


0.5085


450.2154, 0.3145,
0.3633


 2.0105, 0.3038,
0.5940


 0.6136, 0.0000,
1.0000

 88.9089, 0.3148,
0.3897


 88.9089, 0.3148,
0.3897


 84.8951, 0.3153,
0.4220


 93.5631, 0.3140,
0.3602

 81.4828, 0.3153,
0.4563

 98.8723, 0.3129,
0.3338

 78.6462, 0.3147,
0.4911

 99.9900, 0.3127,
0.3290

 76.3529, 0.3133,
0.5243

■ 74.5678, 0.3113,
0.5534

■ 73.2509, 0.3086,
0.5761

■ 72.3564, 0.3056,
0.5908

■ 71.8993, 0.3033,
0.5974

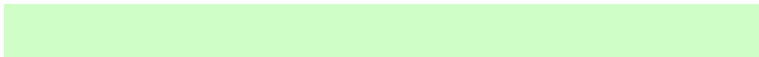
Harmonies

Analogous

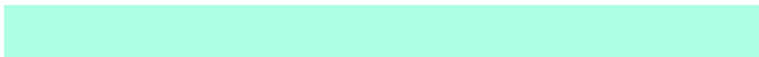
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.9089, 0.3515, 0.3965



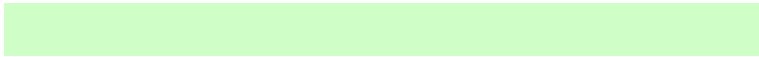
88.9089, 0.3148, 0.3897



88.9089, 0.2789, 0.3630

Triad

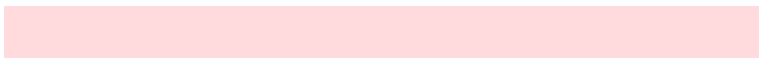
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.9089, 0.3148, 0.3897



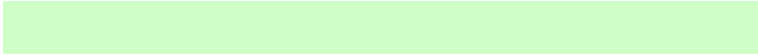
88.9089, 0.2495, 0.2730



88.9089, 0.3757, 0.3266

Complementary

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



88.9089, 0.3148, 0.3897



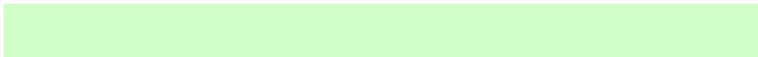
67.8315, 0.3093, 0.2732

Split Complementary

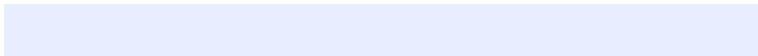
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.9089, 0.3453, 0.2978



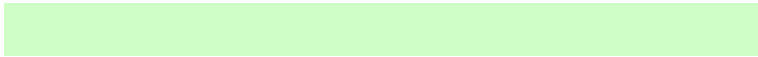
88.9089, 0.3148, 0.3897



88.9089, 0.2723, 0.2676

Square

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



88.9089, 0.3148, 0.3897



88.9089, 0.2427, 0.2936



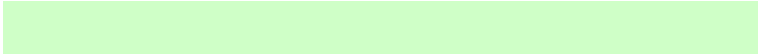
88.9089, 0.3070, 0.2768



88.9089, 0.3881, 0.3574

Rectangle

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



88.9089, 0.3148, 0.3897



88.9089, 0.2602, 0.3389



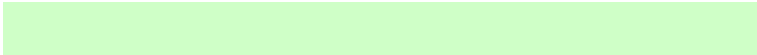
88.9089, 0.3070, 0.2768



88.9089, 0.3672, 0.3165

Sweetspot

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



88.9127, 0.3148, 0.3897



96.1203, 0.3135, 0.3467



91.6519, 0.3476, 0.3762



20.5054, 0.3135, 0.3483



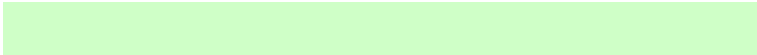
0.0000, 0.0000, 0.0000



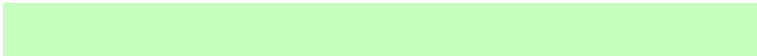
21.4041, 0.3127, 0.3290

Same Dimension

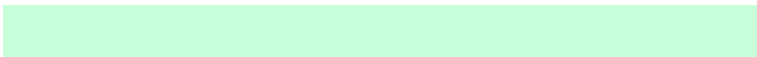
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.9127, 0.3148, 0.3897



87.2227, 0.3150, 0.4025



88.7482, 0.2991, 0.3684



20.2938, 0.3137, 0.3534



37.6118, 0.3039, 0.5969



3.6980, 0.3098, 0.5922

Inverse Universe

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



67.8315, 0.3093, 0.2732



62.9773, 0.3085, 0.2626



68.1326, 0.3295, 0.2926



18.1598, 0.3115, 0.3054



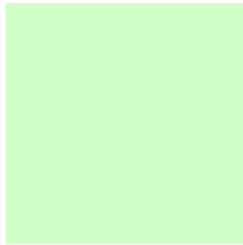
11.6293, 0.2846, 0.1342



1.1670, 0.2890, 0.1366

Previews

White Background



This preview shows how the Yxy color 88.9089, 0.3148, 0.3897 looks on a white background.

Color Contrast Check

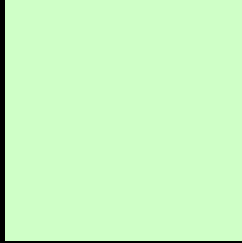
Large Text (above 18pt) WCAG AA × Fail

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 88.9089, 0.3148, 0.3897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

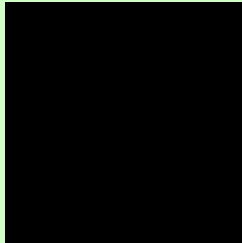
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

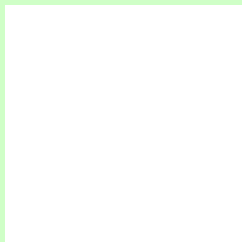
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.9089, 0.3148, 0.3897

Background



This preview shows how black text looks on a background with the Yxy color 88.9089, 0.3148, 0.3897.

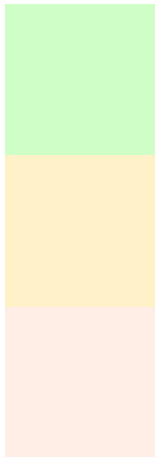


This preview shows how white text looks on a background with the Yxy color 88.9089, 0.3148, 0.3897.

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

88.9089, 0.3148, 0.3897

Protanopia

88.2941, 0.3488, 0.3710

Deuteranopia

88.0662, 0.3298, 0.3379



Tritanopia

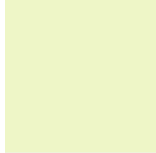
88.5794, 0.2968, 0.3179

Trichromacy



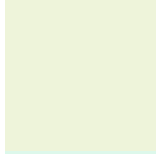
Original Color

88.9089, 0.3148, 0.3897



Protanomaly

88.2122, 0.3361, 0.3775



Deuteranomaly

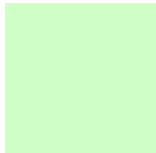
87.9405, 0.3246, 0.3556



Tritanomaly

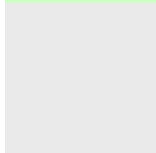
88.5051, 0.3033, 0.3425

Monochromacy



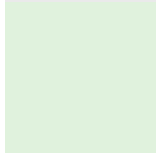
Original Color

88.9089, 0.3148, 0.3897



Achromatopsia

82.2786, 0.3127, 0.3290



Achromatomaly

84.5720, 0.3136, 0.3511

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.9089, 0.3148, 0.3897 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, 255, 199)` looks like.

```
.text, #text, p{  
    color:rgb(207, 255, 199)  
}
```

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, 255, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 255, 199) }
```

Border

The CSS property to change the border of an element to Yxy 88.9089, 0.3148, 0.3897 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, 255, 199) }
```

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

```
.border{ border-color:rgb(207, 255, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 255, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 255, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 255, 199);  
box-shadow:4px 4px 4px 4px rgb(207, 255,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 88.9089, 0.3148, 0.3897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 255, 199) }
```

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

```
.background{ background-color: rgb(207,  
255, 199) }
```

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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