

Converting Colors

$Yxy(88.2146, 0.3072, 0.3838)$

Have a look what the booklet for
Yxy(88.2146, 0.3072, 0.3838)
contains.

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Color

Yxy(88.2071, 0.3071, 0.3837)

Conversions

Conversions Part 1

Format	Color
Hex	C8FFCD
RGB	200, 255, 205
RGB Percent	78%, 100%, 80%
CMY	0.2158, 0.0000, 0.1960
CMYK	0.22, 0.00, 0.20, 0.00
HSL	126°, 100%, 89%
HSV	126°, 22%, 100%
XYZ	70.5979, 88.2071, 71.0806
YIQ	232.8550, -16.7300, -27.2100

Conversions

Conversions Part 2

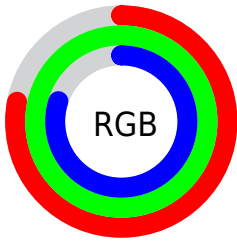
Format	Color
R_{YB}	200, 250, 255
Decimal	13172685
CIE _{Lab}	95.25, -26.70, 18.31
CIE _{LCh}	95, 32.377, 145.562
Yxy	88.2071, 0.3071, 0.3837
Android (android.graphics.Color)	4291362765 (0xFFC8FFCD)
YUV	232.8550, -13.7325, -28.8138
Hunter-Lab	93.9186, -30.1806, 20.8705

Details

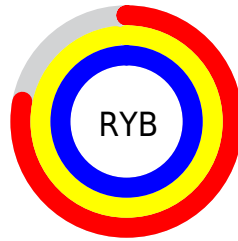
The Yxy color **88.2071, 0.3071, 0.3837** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **69.4595, 0.3188, 0.2798**, and the grayscale version is **81.4832, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.6423, 0.3050, 0.3961** is the 20% darker color. If you saturate the color by 10%, you get **83.9462, 0.3045, 0.4139**, and if you desaturate by 10%, it is **93.2173, 0.3098, 0.3565**.

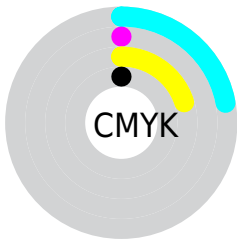
Distribution



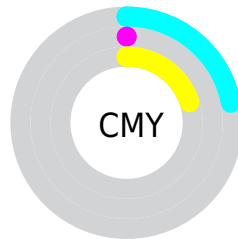
- Red (78%)
- Green (100%)
- Blue (80%)



- Red (78%)
- Yellow (98%)
- Blue (100%)



- Cyan (22%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)





- Cyan (22%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.2071, 0.3071, 0.3837 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 88.2071, 0.3071, 0.3837 by changing the saturation by 10% instead.

 88.2071, 0.3071,
0.3837

 88.2071, 0.3071,
0.3837


522.1812, 0.3101,
0.3583

 66.4946, 0.3063,
0.3895


144.8454, 0.3082,
0.3749

 48.6740, 0.3053,
0.3967


180.5401, 0.3086,
0.3715

 34.3610, 0.3040,
0.4058


221.6642, 0.3090,
0.3685

 23.1710, 0.3022,
0.4176

268.6023, 0.3093,
0.3659

 14.7198, 0.2994,
0.4338

321.7386, 0.3095,
0.3637

 8.6230, 0.2951,
0.4570

381.4576, 0.3097,

 4.4961, 0.2875,

0.3617

0.4928

448.1437, 0.3099,
0.3599

■ 1.9548, 0.2759,
0.5633

■ 0.5810, 0.0000,
1.0000

■ 88.2071, 0.3071,
0.3837

■ 88.2071, 0.3071,
0.3837

■ 83.9462, 0.3045,
0.4139

■ 93.2173, 0.3098,
0.3565

■ 80.4011, 0.3020,
0.4464

■ 99.0132, 0.3123,
0.3325

■ 77.5315, 0.2998,
0.4801

■ 100.0000, 0.3127,
0.3290

■ 75.2943, 0.2982,
0.5132

■ 73.6415, 0.2972,
0.5434

■ 72.5181, 0.2972,
0.5683

■ 71.8585, 0.2978,
0.5861

■ 71.5835, 0.2987,
0.5953

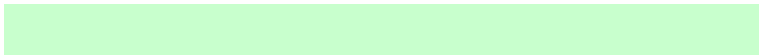
Harmonies

Analogous

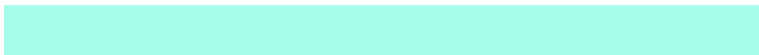
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.2071, 0.3434, 0.3948



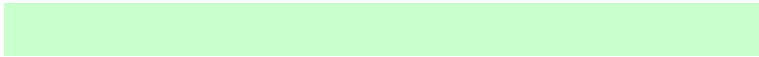
88.2071, 0.3071, 0.3837



88.2071, 0.2737, 0.3549

Triad

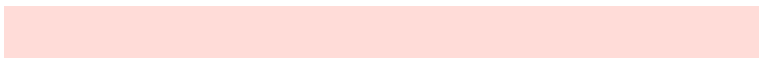
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.2071, 0.3071, 0.3837



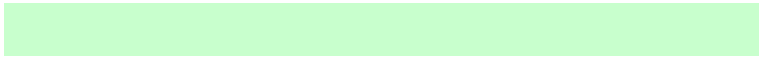
88.2071, 0.2548, 0.2723



88.2071, 0.3780, 0.3330

Complementary

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



88.2071, 0.3071, 0.3837



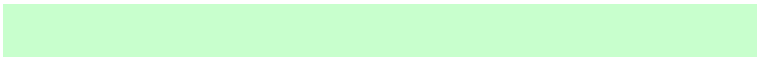
69.4595, 0.3188, 0.2798

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.



88.2071, 0.3515, 0.3042



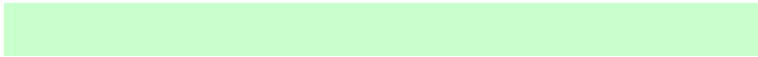
88.2071, 0.3071, 0.3837



88.2071, 0.2799, 0.2701

Square

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



88.2071, 0.3071, 0.3837



88.2071, 0.2447, 0.2894



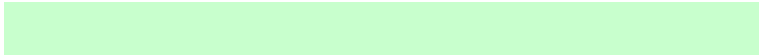
88.2071, 0.3150, 0.2817



88.2071, 0.3856, 0.3626

Rectangle

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



88.2071, 0.3071, 0.3837



88.2071, 0.2572, 0.3311



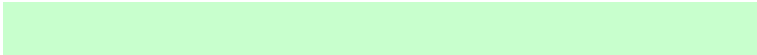
88.2071, 0.3150, 0.2817



88.2071, 0.3709, 0.3230

Sweetspot

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



88.2062, 0.3071, 0.3837



96.3499, 0.3112, 0.3427



96.0901, 0.3423, 0.3836



20.5416, 0.3110, 0.3443



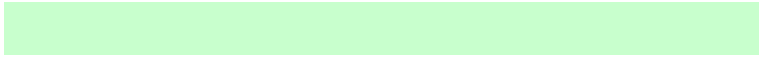
0.0000, 0.0000, 0.0000



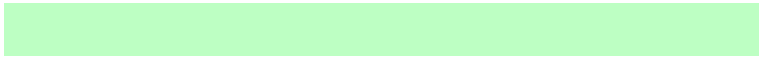
21.4041, 0.3127, 0.3290

Same Dimension

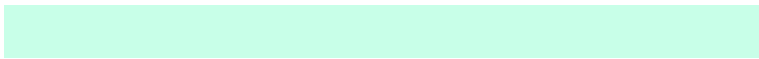
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.2062, 0.3071, 0.3837



86.2308, 0.3059, 0.3967



89.6275, 0.2924, 0.3535



20.1952, 0.3103, 0.3513



37.4130, 0.2983, 0.5940



3.6515, 0.2949, 0.5816

Inverse Universe

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



69.4595, 0.3188, 0.2798



64.3606, 0.3202, 0.2696



67.8831, 0.3388, 0.3058



18.2699, 0.3152, 0.3077



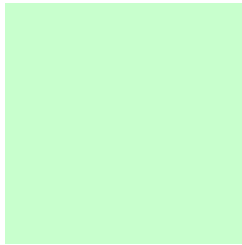
14.1531, 0.3455, 0.1677



1.3861, 0.3424, 0.1660

Previews

White Background



This preview shows how the Yxy color 88.2071, 0.3071, 0.3837 looks on a white background.

Color Contrast Check

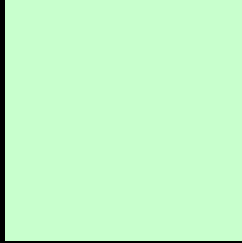
Large Text (above 18pt) WCAG AA × Fail

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 88.2071, 0.3071, 0.3837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

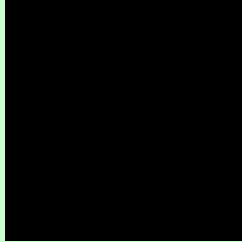
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

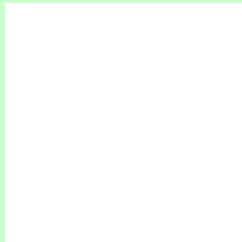
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.2071, 0.3071, 0.3837

Background



This preview shows how black text looks on a background with the Yxy color 88.2071, 0.3071, 0.3837.

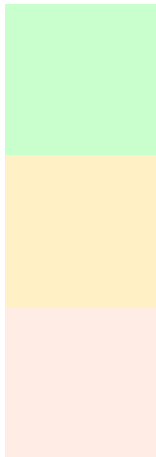


This preview shows how white text looks on a background with the Yxy color 88.2071, 0.3071, 0.3837.

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

88.2071, 0.3071, 0.3837

Protanopia

87.6574, 0.3496, 0.3710

Deuteranopia

87.4855, 0.3299, 0.3369



Tritanopia

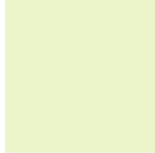
87.9289, 0.2944, 0.3178

Trichromacy



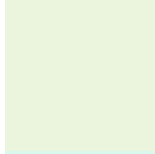
Original Color

88.2071, 0.3071, 0.3837



Protanomaly

87.1840, 0.3329, 0.3748



Deuteranomaly

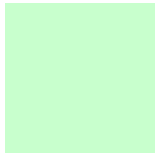
87.5308, 0.3214, 0.3537



Tritanomaly

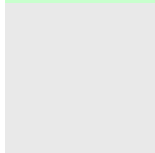
87.8482, 0.2991, 0.3405

Monochromacy



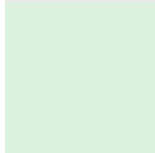
Original Color

88.2071, 0.3071, 0.3837



Achromatopsia

81.4847, 0.3127, 0.3290



Achromatomaly

83.6105, 0.3105, 0.3481

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.2071, 0.3071, 0.3837 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(200, 255, 205)` looks like.

```
.text, #text, p{  
    color:rgb(200, 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(200, 255, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 255, 205) }
```

Border

The CSS property to change the border of an element to Yxy 88.2071, 0.3071, 0.3837 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(200, 255, 205) }
```

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

```
.border{ border-color:rgb(200, 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(200, 255, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 255, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 255, 205);  
box-shadow:4px 4px 4px 4px rgb(200, 255,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 88.2071, 0.3071, 0.3837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 255, 205) }
```

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

```
.background{ background-color: rgb(200,  
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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