

Converting Colors

Yxy(88.4563, 0.3070, 0.3819)

Have a look what the booklet for
Yxy(88.4563, 0.3070, 0.3819)
contains.

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Color

Yxy(88.4425, 0.3066, 0.3814)

Conversions

Conversions Part 1

Format	Color
Hex	C9FFCF
RGB	201, 255, 207
RGB Percent	79%, 100%, 81%
CMY	0.2120, 0.0000, 0.1883
CMYK	0.21, 0.00, 0.19, 0.00
HSL	127°, 100%, 89%
HSV	127°, 21%, 100%
XYZ	71.0972, 88.4425, 72.3494
YIQ	233.3820, -16.7760, -26.3760

Conversions

Conversions Part 2

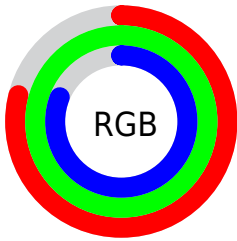
Format	Color
R _Y B	201, 250, 255
Decimal	13238223
CIE Lab	95.35, -26.06, 17.45
CIE LCh	95, 31.368, 146.191
Yxy	88.4425, 0.3066, 0.3814
Android (android.graphics.Color)	4291428303 (0xFFC9FFCF)
YUV	233.3820, -13.0063, -28.3990
Hunter-Lab	94.0439, -29.6307, 20.2180

Details

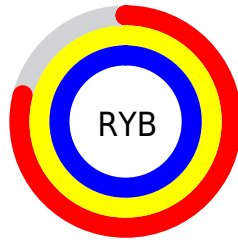
The Yxy color **88.4425, 0.3066, 0.3814** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **69.8429, 0.3195, 0.2817**, and the grayscale version is **81.8826, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.7991, 0.3044, 0.3930** is the 20% darker color. If you saturate the color by 10%, you get **84.1605, 0.3037, 0.4108**, and if you desaturate by 10%, it is **93.4533, 0.3095, 0.3549**.

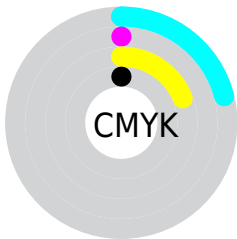
Distribution



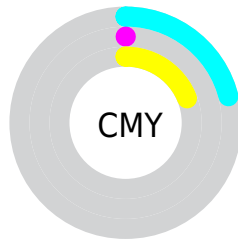
- Red (79%)
- Green (100%)
- Blue (81%)



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



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



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

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.4425, 0.3066, 0.3814 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 88.4425, 0.3066, 0.3814 by changing the saturation by 10% instead.


 88.4425, 0.3066,
0.3814

 88.4425, 0.3066,
0.3814

522.9512, 0.3098,
0.3571

 66.6896, 0.3058,
0.3869


145.1731, 0.3078,
0.3730

 48.8324, 0.3048,
0.3938


180.9195, 0.3082,
0.3697

 34.4866, 0.3034,
0.4025


222.0992, 0.3086,
0.3669

 23.2676, 0.3015,
0.4138

269.0967, 0.3089,
0.3644

 14.7913, 0.2988,
0.4292

322.2962, 0.3091,
0.3623

 8.6730, 0.2945,
0.4512

382.0822, 0.3094,

 4.5285, 0.2871,

0.3604

0.4853

448.8391, 0.3096,
0.3587

1.9734, 0.2748,
0.5498

0.5919, 0.0000,
1.0000

88.4425, 0.3066,
0.3814

88.4425, 0.3066,
0.3814

84.1605, 0.3037,
0.4108

93.4533, 0.3095,
0.3549

80.5966, 0.3010,
0.4425

99.2510, 0.3124,
0.3316

77.7038, 0.2987,
0.4756

100.0000, 0.3127,
0.3290

75.4399, 0.2970,
0.5083

■ 73.7577, 0.2961,
0.5386

■ 72.6034, 0.2962,
0.5641

■ 71.9130, 0.2971,
0.5830

■ 71.6065, 0.2982,
0.5936

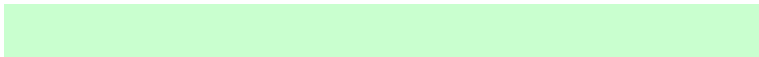
Harmonies

Analogous

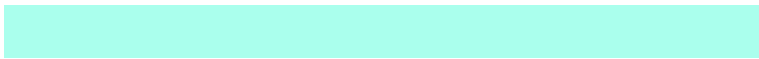
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.4425, 0.3418, 0.3926



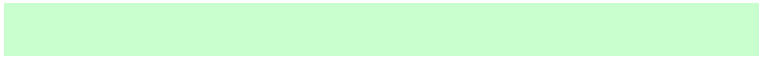
88.4425, 0.3066, 0.3814



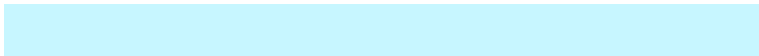
88.4425, 0.2743, 0.3533

Triad

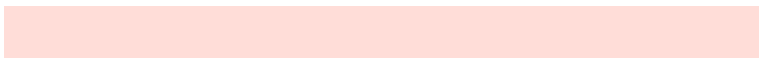
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.4425, 0.3066, 0.3814



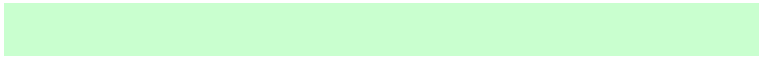
88.4425, 0.2570, 0.2739



88.4425, 0.3762, 0.3336

Complementary

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



88.4425, 0.3066, 0.3814



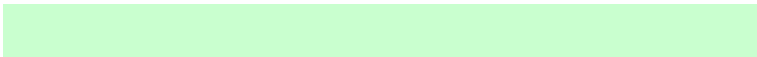
69.8429, 0.3195, 0.2817

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.



88.4425, 0.3509, 0.3055



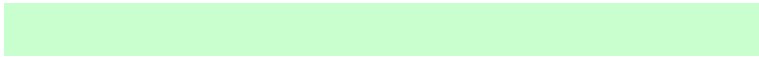
88.4425, 0.3066, 0.3814



88.4425, 0.2815, 0.2720

Square

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



88.4425, 0.3066, 0.3814



88.4425, 0.2468, 0.2902



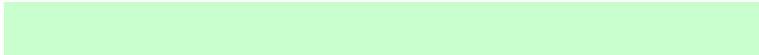
88.4425, 0.3158, 0.2835



88.4425, 0.3832, 0.3622

Rectangle

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



88.4425, 0.3066, 0.3814



88.4425, 0.2585, 0.3304



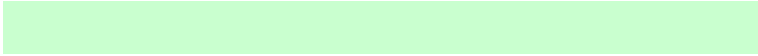
88.4425, 0.3158, 0.2835



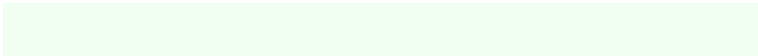
88.4425, 0.3695, 0.3239

Sweetspot

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



88.4342, 0.3066, 0.3814



96.3684, 0.3110, 0.3424



95.9835, 0.3412, 0.3827



20.5459, 0.3108, 0.3440



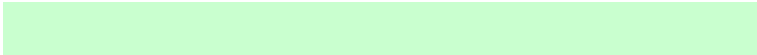
0.0000, 0.0000, 0.0000



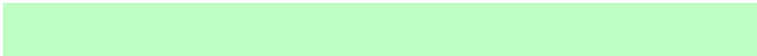
21.4041, 0.3127, 0.3290

Same Dimension

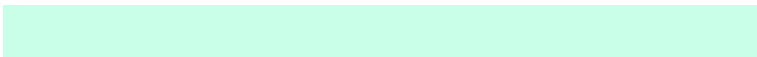
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.4342, 0.3066, 0.3814



86.7238, 0.3055, 0.3922



89.8343, 0.2923, 0.3520



20.2012, 0.3100, 0.3508



37.4264, 0.2978, 0.5921



3.6543, 0.2938, 0.5778

Inverse Universe

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



69.8429, 0.3195, 0.2817



65.3997, 0.3208, 0.2730



68.3108, 0.3389, 0.3071



18.2633, 0.3155, 0.3082



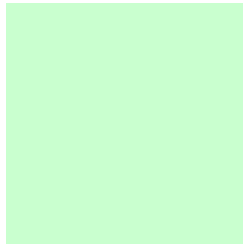
14.0052, 0.3514, 0.1709



1.3732, 0.3474, 0.1688

Previews

White Background



This preview shows how the Yxy color 88.4425, 0.3066, 0.3814 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 88.4425, 0.3066, 0.3814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

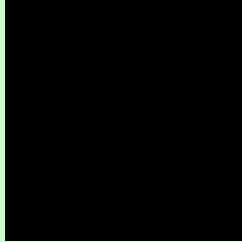
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

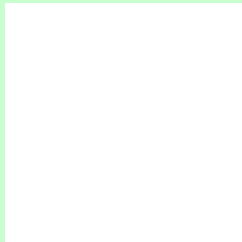
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.4425, 0.3066, 0.3814

Background



This preview shows how black text looks on a background with the Yxy color 88.4425, 0.3066, 0.3814.

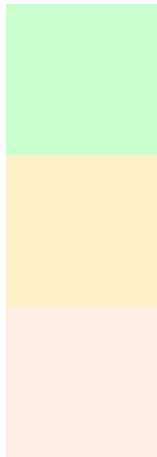


This preview shows how white text looks on a background with the Yxy color 88.4425, 0.3066, 0.3814.

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

88.4425, 0.3066, 0.3814

Protanopia

87.5611, 0.3476, 0.3691

Deuteranopia

88.1222, 0.3292, 0.3369



Tritanopia

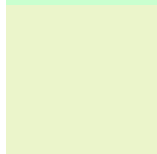
88.0901, 0.2950, 0.3178

Trichromacy



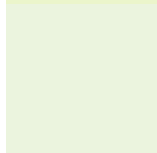
Original Color

88.4425, 0.3066, 0.3814



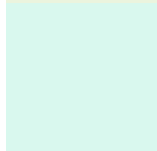
Protanomaly

87.2788, 0.3317, 0.3726



Deuteranomaly

87.6375, 0.3201, 0.3516



Tritanomaly

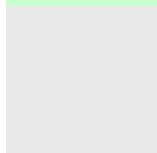
88.0596, 0.2991, 0.3394

Monochromacy



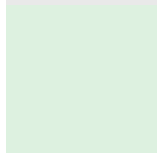
Original Color

88.4425, 0.3066, 0.3814



Achromatopsia

81.4847, 0.3127, 0.3290



Achromatomaly

83.6646, 0.3099, 0.3470

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.4425, 0.3066, 0.3814 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(201, 255, 207)` looks like.

```
.text, #text, p{  
    color:rgb(201, 255, 207)  
}
```

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(201, 255, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 255, 207) }
```

Border

The CSS property to change the border of an element to Yxy 88.4425, 0.3066, 0.3814 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(201, 255, 207) }
```

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

```
.border{ border-color:rgb(201, 255, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 255, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 255, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 255, 207); box-shadow:4px 4px 4px 4px rgb(201, 255, 207) }
```


Background

The CSS property to change the background color of an element to Yxy 88.4425, 0.3066, 0.3814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 255, 207) }
```

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

```
.background{ background-color: rgb(201,  
255, 207) }
```

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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