

Converting Colors

$Yxy(93.4699, 0.3068, 0.3967)$

Have a look what the booklet for
Yxy(93.4699, 0.3068, 0.3967)
contains.

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Color

Yxy(87.6546, 0.3070, 0.3874)

Conversions

Conversions Part 1

Format	Color
Hex	C5FFCA
RGB	197, 255, 202
RGB Percent	77%, 100%, 79%
CMY	0.2271, 0.0000, 0.2078
CMYK	0.23, 0.00, 0.21, 0.00
HSL	125°, 100%, 89%
HSV	125°, 23%, 100%
XYZ	69.4630, 87.6546, 69.1462
YIQ	231.6160, -17.5550, -28.7790

Conversions

Conversions Part 2

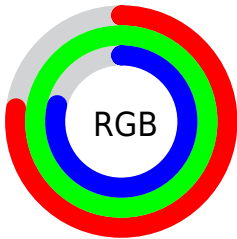
Format	Color
RYB	197, 250, 255
Decimal	12976074
CIELab	95.02, -28.14, 19.50
CIElCh	95, 34.233, 145.283
Yxy	87.6546, 0.3070, 0.3874
Android (android.graphics.Color)	4291166154 (0xFFC5FFCA)
YUV	231.6160, -14.6007, -30.3582
Hunter-Lab	93.6240, -31.4066, 21.7481

Details

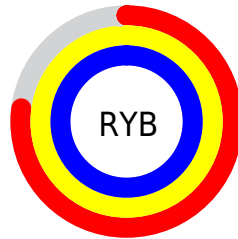
The Yxy color **87.6546, 0.3070, 0.3874** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **68.1301, 0.3189, 0.2768**, and the grayscale version is **80.5286, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **48.2771, 0.3048, 0.4011** is the 20% darker color. If you saturate the color by 10%, you get **83.4778, 0.3044, 0.4181**, and if you desaturate by 10%, it is **92.5880, 0.3096, 0.3597**.

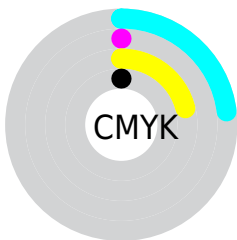
Distribution



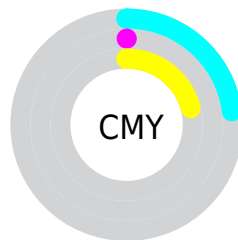
- Red (77%)
- Green (100%)
- Blue (79%)



- Red (77%)
- Yellow (98%)
- Blue (100%)



- Cyan (23%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)




- Cyan (23%)
- Magenta (0%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 87.6546, 0.3070, 0.3874 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 87.6546, 0.3070, 0.3874 by changing the saturation by 10% instead.


 87.6546, 0.3070,
0.3874

 87.6546, 0.3070,
0.3874

520.3715, 0.3101,
0.3602

 66.0371, 0.3062,
0.3936

144.0762, 0.3082,
0.3779

 48.3025, 0.3051,
0.4013


179.6490, 0.3086,
0.3743

 34.0665, 0.3037,
0.4111


220.6424, 0.3089,
0.3711

 22.9447, 0.3017,
0.4239

267.4408, 0.3092,
0.3684

 14.5527, 0.2988,
0.4414

320.4284, 0.3095,
0.3660

 8.5060, 0.2940,
0.4665

379.9898, 0.3097,

 4.4204, 0.2855,

0.3638

0.5054

446.5094, 0.3099,
0.3619

■ 1.9114, 0.2749,
0.5877

■ 0.5552, 0.0000,
1.0000

■ 87.6546, 0.3070,
0.3874

■ 87.6546, 0.3070,
0.3874

■ 83.4778, 0.3044,
0.4181

■ 92.5880, 0.3096,
0.3597

■ 80.0099, 0.3020,
0.4511

■ 98.3011, 0.3121,
0.3351

■ 77.2145, 0.2999,
0.4850

■ 99.9924, 0.3127,
0.3290

■ 75.0480, 0.2984,
0.5180

■ 73.4614, 0.2975,
0.5477

■ 72.3985, 0.2975,
0.5717

■ 71.7916, 0.2982,
0.5884

■ 71.5694, 0.2988,
0.5957

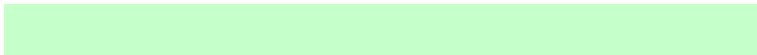
Harmonies

Analogous

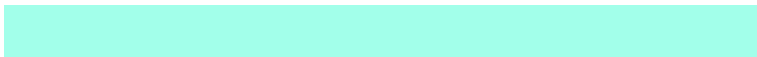
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.6546, 0.3454, 0.3988



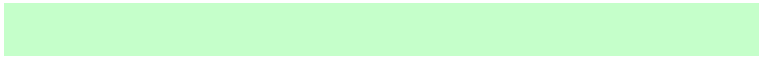
87.6546, 0.3070, 0.3874



87.6546, 0.2716, 0.3568

Triad

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



87.6546, 0.3070, 0.3874



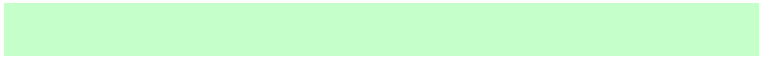
87.6546, 0.2514, 0.2692



87.6546, 0.3817, 0.3328

Complementary

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



87.6546, 0.3070, 0.3874



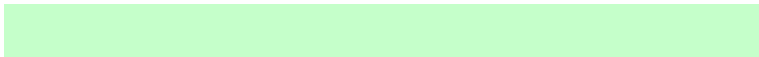
68.1301, 0.3189, 0.2768

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.



87.6546, 0.3535, 0.3025



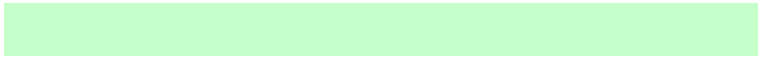
87.6546, 0.3070, 0.3874



87.6546, 0.2776, 0.2669

Square

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



87.6546, 0.3070, 0.3874



87.6546, 0.2409, 0.2872



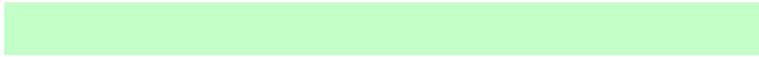
87.6546, 0.3147, 0.2790



87.6546, 0.3900, 0.3640

Rectangle

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



87.6546, 0.3070, 0.3874



87.6546, 0.2542, 0.3314



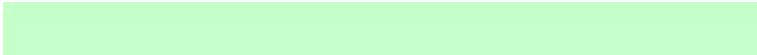
87.6546, 0.3147, 0.2790



87.6546, 0.3742, 0.3223

Sweetspot

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



87.6583, 0.3070, 0.3874



95.7631, 0.3110, 0.3452



95.9011, 0.3439, 0.3865



20.4230, 0.3109, 0.3467



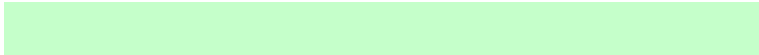
0.0000, 0.0000, 0.0000



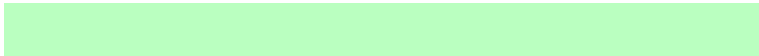
21.4041, 0.3127, 0.3290

Same Dimension

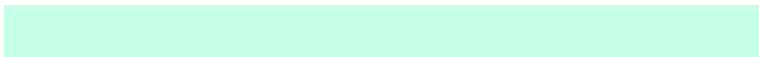
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.6583, 0.3070, 0.3874



85.7849, 0.3059, 0.4002



89.1546, 0.2914, 0.3549



20.1933, 0.3104, 0.3514



37.4091, 0.2985, 0.5945



3.6506, 0.2952, 0.5829

Inverse Universe

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



68.1301, 0.3189, 0.2768



63.2883, 0.3202, 0.2668



66.4566, 0.3405, 0.3045



18.2720, 0.3151, 0.3075



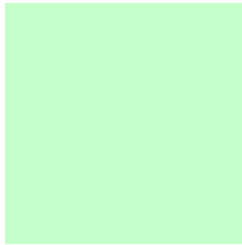
14.2010, 0.3437, 0.1667



1.3903, 0.3408, 0.1651

Previews

White Background



This preview shows how the Yxy color 87.6546, 0.3070, 0.3874 looks on a white background.

Color Contrast Check

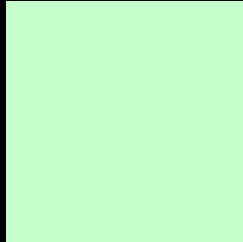
Large Text (above 18pt) WCAG AA × Fail

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 87.6546, 0.3070, 0.3874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

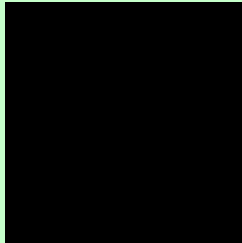
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

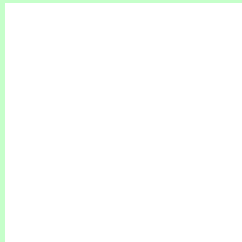
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 87.6546, 0.3070, 0.3874

Background



This preview shows how black text looks on a background with the Yxy color 87.6546, 0.3070, 0.3874.

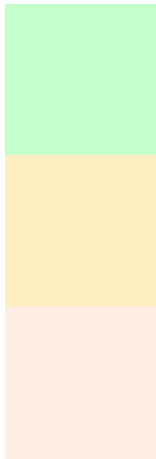


This preview shows how white text looks on a background with the Yxy color 87.6546, 0.3070, 0.3874.

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

87.6546, 0.3070, 0.3874

Protanopia

86.7440, 0.3511, 0.3732

Deuteranopia

86.7970, 0.3313, 0.3379



Tritanopia

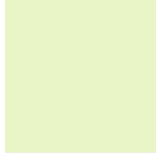
87.6093, 0.2932, 0.3178

Trichromacy



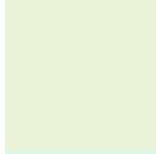
Original Color

87.6546, 0.3070, 0.3874



Protanomaly

86.7057, 0.3334, 0.3782



Deuteranomaly

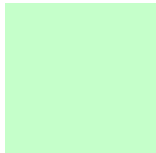
86.6556, 0.3220, 0.3548



Tritanomaly

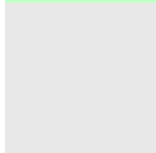
87.4871, 0.2984, 0.3416

Monochromacy



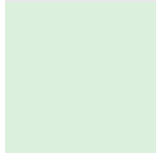
Original Color

87.6546, 0.3070, 0.3874



Achromatopsia

80.6952, 0.3127, 0.3290



Achromatomaly

82.6007, 0.3105, 0.3493

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.6546, 0.3070, 0.3874 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(197, 255, 202)` looks like.

```
.text, #text, p{  
    color:rgb(197, 255, 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(197, 255, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 255, 202) }
```

Border

The CSS property to change the border of an element to Yxy 87.6546, 0.3070, 0.3874 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(197, 255, 202) }
```

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

```
.border{ border-color:rgb(197, 255, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 255, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 255, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 255, 202);  
box-shadow:4px 4px 4px 4px rgb(197, 255,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 87.6546, 0.3070, 0.3874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 255, 202) }
```

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

```
.background{ background-color: rgb(197,  
255, 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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