

Converting Colors

$Yxy(88.2739, 0.3095, 0.3867)$

Have a look what the booklet for
Yxy(88.2739, 0.3095, 0.3867)
contains.

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Color

Yxy(88.2018, 0.3094, 0.3870)

Conversions

Conversions Part 1

Format	Color
Hex	C9FFCA
RGB	201, 255, 202
RGB Percent	79%, 100%, 79%
CMY	0.2116, 0.0000, 0.2078
CMYK	0.21, 0.00, 0.21, 0.00
HSL	121°, 100%, 89%
HSV	121°, 21%, 100%
XYZ	70.5159, 88.2018, 69.1940
YIQ	232.8120, -15.1710, -27.9310

Conversions

Conversions Part 2

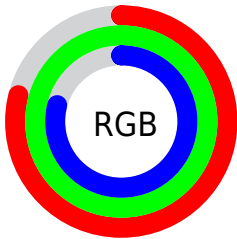
Format	Color
R_{YB}	201, 254, 255
Decimal	13238218
CIE _{Lab}	95.25, -26.87, 19.85
CIE _{LCh}	95, 33.408, 143.537
Yxy	88.2018, 0.3094, 0.3870
Android (android.graphics.Color)	4291428298 (0xFFC9FFCA)
YUV	232.8120, -15.1903, -27.8991
Hunter-Lab	93.9158, -30.3275, 22.0582

Details

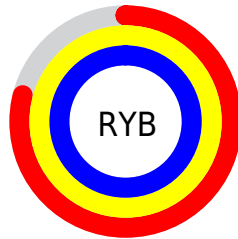
The Yxy color **88.2018, 0.3094, 0.3870** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **70.2052, 0.3159, 0.2771**, and the grayscale version is **81.4691, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.6373, 0.3079, 0.4004** is the 20% darker color. If you saturate the color by 10%, you get **83.8678, 0.3076, 0.4196**, and if you desaturate by 10%, it is **93.3224, 0.3111, 0.3577**.

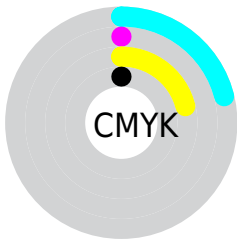
Distribution



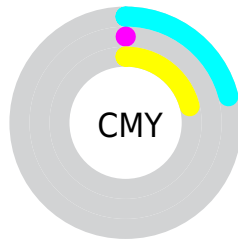
- Red (79%)
- Green (100%)
- Blue (79%)



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



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




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.2018, 0.3094, 0.3870 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 88.2018, 0.3094, 0.3870 by changing the saturation by 10% instead.


 88.2018, 0.3094,
0.3870

 88.2018, 0.3094,
0.3870


522.1639, 0.3114,
0.3601

 66.4902, 0.3088,
0.3932


144.8381, 0.3102,
0.3776

 48.6704, 0.3081,
0.4008


180.5315, 0.3105,
0.3740

 34.3581, 0.3070,
0.4104


221.6544, 0.3107,
0.3709

 23.1689, 0.3055,
0.4230

268.5911, 0.3109,
0.3682

 14.7182, 0.3032,
0.4402

321.7260, 0.3110,
0.3658

 8.6219, 0.2994,
0.4648

381.4435, 0.3112,

 4.4954, 0.2923,

0.3636

0.5027

448.1280, 0.3113,
0.3618

■ 1.9544, 0.2839,
0.5822

■ 0.5807, 0.0000,
1.0000

■ 88.2018, 0.3094,
0.3870

■ 88.2018, 0.3094,
0.3870

■ 83.8678, 0.3076,
0.4196

■ 93.3224, 0.3111,
0.3577

■ 80.2708, 0.3058,
0.4545

■ 99.2538, 0.3126,
0.3318

■ 77.3733, 0.3040,
0.4903

■ 99.9983, 0.3127,
0.3290

■ 75.1298, 0.3024,
0.5247

■ 73.4893, 0.3011,
0.5549

■ 72.3937, 0.3003,
0.5782

■ 71.7731, 0.2999,
0.5930

■ 71.5285, 0.2998,
0.5992

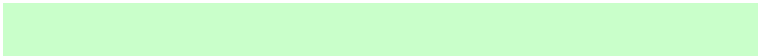
Harmonies

Analogous

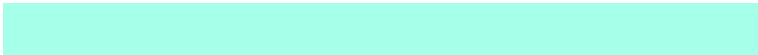
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.2018, 0.3466, 0.3969



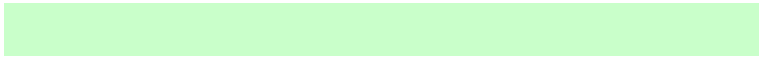
88.2018, 0.3094, 0.3870



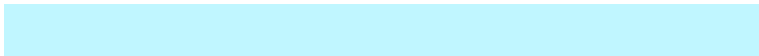
88.2018, 0.2745, 0.3581

Triad

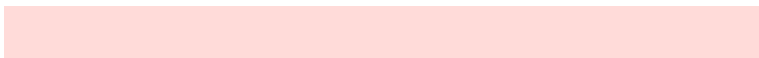
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.2018, 0.3094, 0.3870



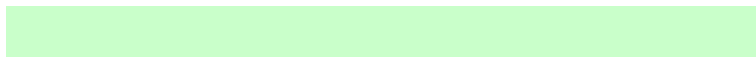
88.2018, 0.2518, 0.2713



88.2018, 0.3788, 0.3310

Complementary

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



88.2018, 0.3094, 0.3870



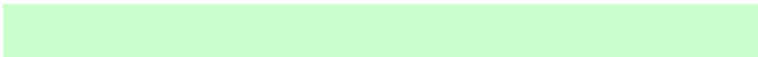
70.2052, 0.3159, 0.2771

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.



88.2018, 0.3504, 0.3016



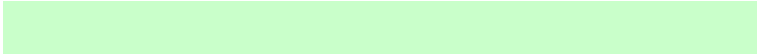
88.2018, 0.3094, 0.3870



88.2018, 0.2767, 0.2681

Square

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



88.2018, 0.3094, 0.3870



88.2018, 0.2426, 0.2898



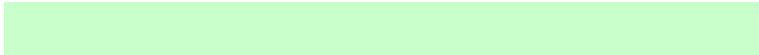
88.2018, 0.3125, 0.2791



88.2018, 0.3881, 0.3616

Rectangle

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



88.2018, 0.3094, 0.3870



88.2018, 0.2569, 0.3336



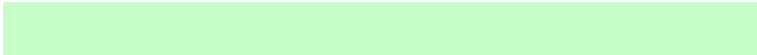
88.2018, 0.3125, 0.2791



88.2018, 0.3711, 0.3207

Sweetspot

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



88.2055, 0.3094, 0.3870



96.2828, 0.3118, 0.3439



96.8263, 0.3442, 0.3821



20.5258, 0.3117, 0.3456



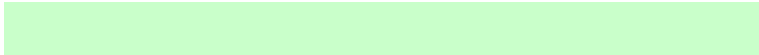
0.0000, 0.0000, 0.0000



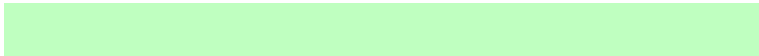
21.4041, 0.3127, 0.3290

Same Dimension

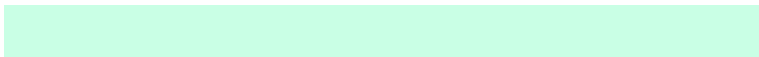
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.2055, 0.3094, 0.3870



86.4528, 0.3087, 0.3991



89.5929, 0.2947, 0.3569



20.1735, 0.3113, 0.3531



37.3784, 0.2997, 0.5989



3.6412, 0.2990, 0.5963

Inverse Universe

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



70.2052, 0.3159, 0.2771



65.7762, 0.3165, 0.2676



68.6009, 0.3354, 0.3027



18.2943, 0.3141, 0.3060



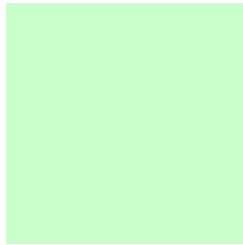
14.7296, 0.3255, 0.1567



1.4359, 0.3250, 0.1564

Previews

White Background



This preview shows how the Yxy color 88.2018, 0.3094, 0.3870 looks on a white background.

Color Contrast Check

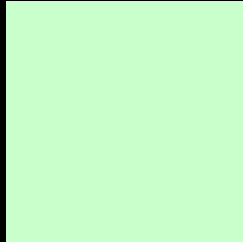
Large Text (above 18pt) WCAG AA × Fail

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 88.2018, 0.3094, 0.3870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

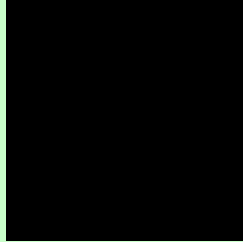
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

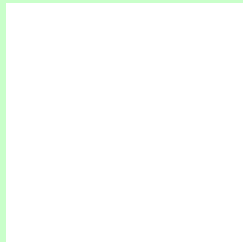
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.2018, 0.3094, 0.3870

Background



This preview shows how black text looks on a background with the Yxy color 88.2018, 0.3094, 0.3870.

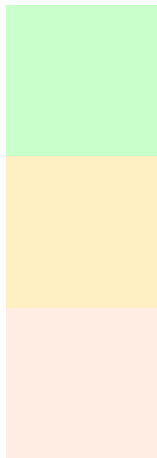


This preview shows how white text looks on a background with the Yxy color 88.2018, 0.3094, 0.3870.

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

88.2018, 0.3094, 0.3870

Protanopia

87.5203, 0.3516, 0.3741

Deuteranopia

87.4298, 0.3306, 0.3379



Tritanopia

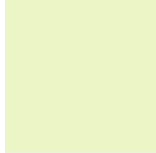
87.9289, 0.2944, 0.3178

Trichromacy



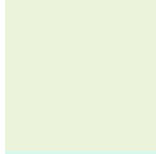
Original Color

88.2018, 0.3094, 0.3870



Protanomaly

87.0442, 0.3348, 0.3779



Deuteranomaly

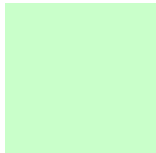
87.4780, 0.3220, 0.3547



Tritanomaly

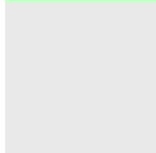
87.7899, 0.2996, 0.3415

Monochromacy



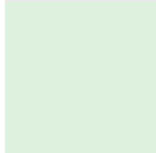
Original Color

88.2018, 0.3094, 0.3870



Achromatopsia

81.4847, 0.3127, 0.3290



Achromatomaly

83.5567, 0.3111, 0.3491

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.2018, 0.3094, 0.3870 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(201, 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(201, 255, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 255, 202) }
```

Border

The CSS property to change the border of an element to Yxy 88.2018, 0.3094, 0.3870 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, 202) }
```

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

```
.border{ border-color:rgb(201, 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(201, 255, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 255, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 255, 202);  
box-shadow:4px 4px 4px 4px rgb(201, 255,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 88.2018, 0.3094, 0.3870 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, 202) }
```

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

```
.background{ background-color: rgb(201,  
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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