

Converting Colors

$Yxy(88.0553, 0.3095, 0.3882)$

Have a look what the booklet for
Yxy(88.0553, 0.3095, 0.3882)
contains.

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Color

Yxy(88.0164, 0.3093, 0.3883)

Conversions

Conversions Part 1

Format	Color
Hex	C8FFC9
RGB	200, 255, 201
RGB Percent	78%, 100%, 79%
CMY	0.2159, 0.0000, 0.2118
CMYK	0.22, 0.00, 0.21, 0.00
HSL	121°, 100%, 89%
HSV	121°, 22%, 100%
XYZ	70.1094, 88.0164, 68.5453
YIQ	232.3990, -15.4460, -28.4540

Conversions

Conversions Part 2

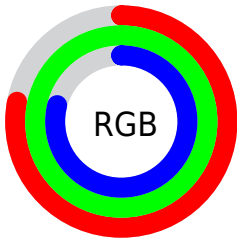
Format	Color
R _Y B	200, 254, 255
Decimal	13172681
CIE Lab	95.17, -27.40, 20.26
CIE LCh	95, 34.079, 143.525
Yxy	88.0164, 0.3093, 0.3883
Android (android.graphics.Color)	4291362761 (0xFFC8FFC9)
YUV	232.3990, -15.4797, -28.4139
Hunter-Lab	93.8171, -30.7870, 22.3530

Details

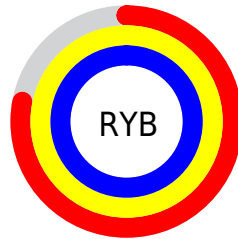
The Yxy color **88.0164, 0.3093, 0.3883** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **69.6947, 0.3160, 0.2761**, and the grayscale version is **81.1224, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.5145, 0.3078, 0.4021** is the 20% darker color. If you saturate the color by 10%, you get **83.7033, 0.3075, 0.4209**, and if you desaturate by 10%, it is **93.0901, 0.3110, 0.3588**.

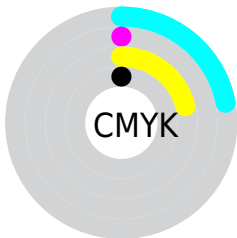
Distribution



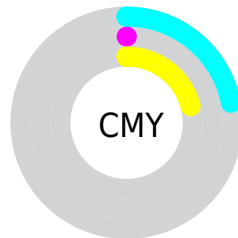
- Red (78%)
- Green (100%)
- Blue (79%)



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



- Cyan (22%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)





- Cyan (22%)
- Magenta (0%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.0164, 0.3093, 0.3883 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 88.0164, 0.3093, 0.3883 by changing the saturation by 10% instead.

 88.0164, 0.3093,
0.3883

 88.0164, 0.3093,
0.3883


521.5569, 0.3114,
0.3607

 66.3367, 0.3087,
0.3946


144.5800, 0.3101,
0.3787

 48.5457, 0.3079,
0.4024


180.2326, 0.3104,
0.3750

 34.2593, 0.3068,
0.4123


221.3117, 0.3106,
0.3718

 23.0928, 0.3053,
0.4253

268.2015, 0.3108,
0.3690

 14.6621, 0.3029,
0.4429

321.2866, 0.3110,
0.3666

 8.5826, 0.2988,
0.4681


380.9512, 0.3111,


 4.4699, 0.2914,


0.3644

0.5071


447.5799, 0.3113,
0.3625


 1.9398, 0.2834,
0.5911


 0.5721, 0.0000,
1.0000


 88.0164, 0.3093,
0.3883


 88.0164, 0.3093,
0.3883


 83.7033, 0.3075,
0.4209


 93.0901, 0.3110,
0.3588

 80.1373, 0.3057,
0.4559

 98.9849, 0.3125,
0.3328

 77.2687, 0.3039,
0.4917

 100.0000, 0.3127,
0.3290

 75.0518, 0.3023,
0.5260

■ 73.4355, 0.3010,
0.5559

■ 72.3612, 0.3002,
0.5789

■ 71.7584, 0.2999,
0.5934

■ 71.5306, 0.2998,
0.5992

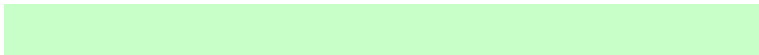
Harmonies

Analogous

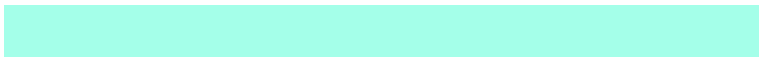
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.0164, 0.3473, 0.3984



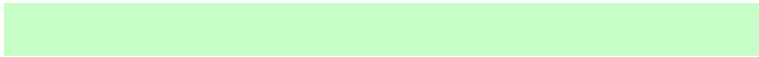
88.0164, 0.3093, 0.3883



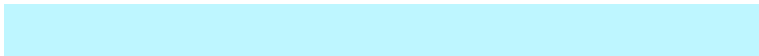
88.0164, 0.2737, 0.3587

Triad

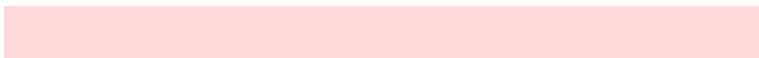
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.0164, 0.3093, 0.3883



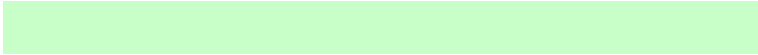
88.0164, 0.2506, 0.2702



88.0164, 0.3802, 0.3309

Complementary

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



88.0164, 0.3093, 0.3883



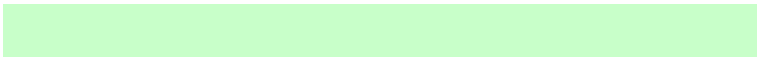
69.6947, 0.3160, 0.2761

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.



88.0164, 0.3511, 0.3010



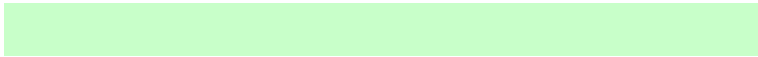
88.0164, 0.3093, 0.3883



88.0164, 0.2759, 0.2669

Square

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



88.0164, 0.3093, 0.3883



88.0164, 0.2413, 0.2890



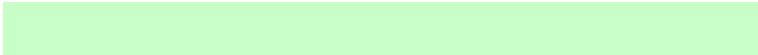
88.0164, 0.3124, 0.2782



88.0164, 0.3897, 0.3621

Rectangle

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



88.0164, 0.3093, 0.3883



88.0164, 0.2558, 0.3337



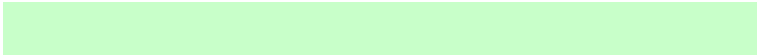
88.0164, 0.3124, 0.2782



88.0164, 0.3723, 0.3205

Sweetspot

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



88.0081, 0.3093, 0.3883



96.2836, 0.3118, 0.3438



96.7738, 0.3448, 0.3832



20.5259, 0.3117, 0.3455



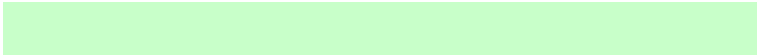
0.0000, 0.0000, 0.0000



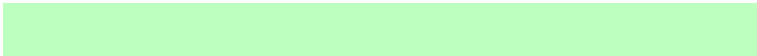
21.4041, 0.3127, 0.3290

Same Dimension

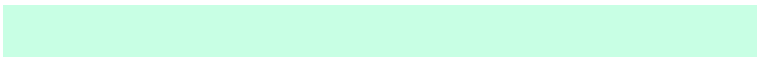
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.0081, 0.3093, 0.3883



86.0166, 0.3085, 0.4023



89.4145, 0.2944, 0.3575



20.1738, 0.3113, 0.3531



37.3787, 0.2997, 0.5988



3.6413, 0.2989, 0.5961

Inverse Universe

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



69.6947, 0.3160, 0.2761



64.6652, 0.3167, 0.2652



68.0635, 0.3360, 0.3022



18.2941, 0.3141, 0.3060



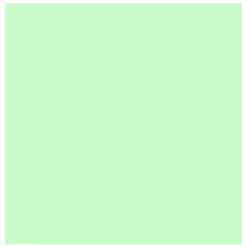
14.7227, 0.3257, 0.1568



1.4353, 0.3251, 0.1565

Previews

White Background



This preview shows how the Yxy color 88.0164, 0.3093, 0.3883 looks on a white background.

Color Contrast Check

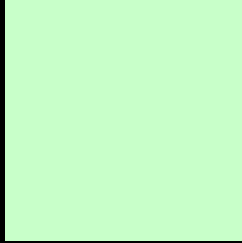
Large Text (above 18pt) WCAG AA × Fail

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 88.0164, 0.3093, 0.3883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

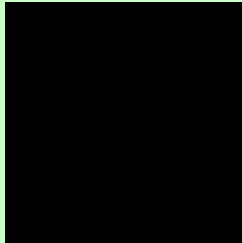
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.0164, 0.3093, 0.3883

Background



This preview shows how black text looks on a background with the Yxy color 88.0164, 0.3093, 0.3883.



This preview shows how white text looks on a background with the Yxy color 88.0164, 0.3093, 0.3883.

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





Tritanopia

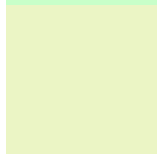
87.9289, 0.2944, 0.3178

Trichromacy



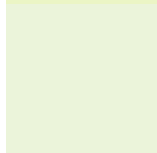
Original Color

88.0164, 0.3093, 0.3883



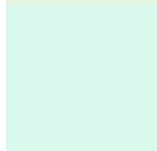
Protanomaly

86.9982, 0.3354, 0.3790



Deuteranomaly

87.4255, 0.3226, 0.3558



Tritanomaly

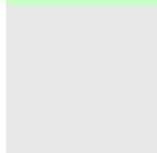
87.7319, 0.3002, 0.3426

Monochromacy



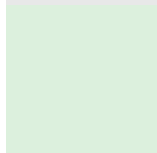
Original Color

88.0164, 0.3093, 0.3883



Achromatopsia

80.6952, 0.3127, 0.3290



Achromatomaly

82.7563, 0.3111, 0.3492

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.0164, 0.3093, 0.3883 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, 201)` looks like.

```
.text, #text, p{  
    color:rgb(200, 255, 201)  
}
```

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, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 255, 201) }
```

Border

The CSS property to change the border of an element to Yxy 88.0164, 0.3093, 0.3883 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, 201) }
```

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

```
.border{ border-color:rgb(200, 255, 201) }
```

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, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 255, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 255, 201);  
box-shadow:4px 4px 4px 4px rgb(200, 255,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 88.0164, 0.3093, 0.3883 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, 201) }
```

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

```
.background{ background-color: rgb(200,  
255, 201) }
```

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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