

Converting Colors

$Yxy(88.0639, 0.3010, 0.3758)$

Have a look what the booklet for
Yxy(88.0639, 0.3010, 0.3758)
contains.

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Color

Yxy(88.0092, 0.3009, 0.3761)

Conversions

Conversions Part 1

Format	Color
Hex	C4FFD4
RGB	196, 255, 212
RGB Percent	77%, 100%, 83%
CMY	0.2314, 0.0000, 0.1685
CMYK	0.23, 0.00, 0.17, 0.00
HSL	136°, 100%, 88%
HSV	136°, 23%, 100%
XYZ	70.4120, 88.0092, 75.5835
YIQ	232.4570, -21.3610, -25.8810

Conversions

Conversions Part 2

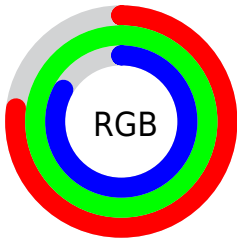
Format	Color
RYB	196, 242, 255
Decimal	12910548
CIELab	95.16, -26.74, 14.58
CIELCh	95, 30.456, 151.405
Yxy	88.0092, 0.3009, 0.3761
Android (android.graphics.Color)	4291100628 (0xFFC4FFD4)
YUV	232.4570, -10.0853, -31.9728
Hunter-Lab	93.8132, -30.1990, 17.9004

Details

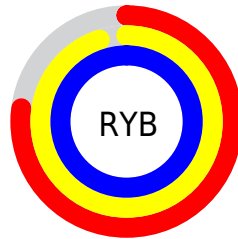
The Yxy color **88.0092, 0.3009, 0.3761** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **66.9719, 0.3271, 0.2861**, and the grayscale version is **81.1483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **48.4852, 0.2980, 0.3878** is the 20% darker color. If you saturate the color by 10%, you get **83.9931, 0.2961, 0.4004**, and if you desaturate by 10%, it is **92.7185, 0.3060, 0.3542**.

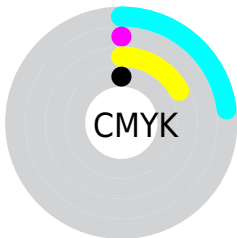
Distribution



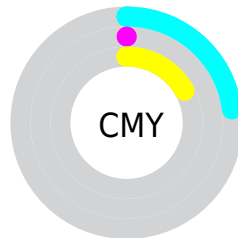
- Red (77%)
- Green (100%)
- Blue (83%)



- Red (77%)
- Yellow (95%)
- Blue (100%)



- Cyan (23%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)




- Cyan (23%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.0092, 0.3009, 0.3761 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 88.0092, 0.3009, 0.3761 by changing the saturation by 10% instead.

 88.0092, 0.3009,
0.3761

 88.0092, 0.3009,
0.3761


521.5334, 0.3065,
0.3543

 66.3307, 0.2996,
0.3811


144.5700, 0.3029,
0.3685

 48.5409, 0.2979,
0.3872


180.2210, 0.3037,
0.3656

 34.2554, 0.2958,
0.3950


221.2984, 0.3043,
0.3631

 23.0899, 0.2929,
0.4052

268.1864, 0.3049,
0.3609

 14.6599, 0.2890,
0.4190

321.2695, 0.3054,
0.3589

 8.5810, 0.2831,
0.4389

380.9321, 0.3058,

 4.4689, 0.2735,

0.3572

0.4698

447.5586, 0.3062,
0.3557

■ 1.9392, 0.2563,
0.5248

■ 0.5718, 0.0000,
1.0000

■ 88.0092, 0.3009,
0.3761

■ 88.0092, 0.3009,
0.3761

■ 83.9931, 0.2961,
0.4004

■ 92.7185, 0.3060,
0.3542


■ 80.6308, 0.2920,
0.4267

■ 98.1454, 0.3111,
0.3346


■ 77.8887, 0.2886,
0.4545


■ 100.0000, 0.3127,
0.3290

■ 75.7274, 0.2865,
0.4827

 74.1032, 0.2859,
0.5102

 72.9654, 0.2868,
0.5354

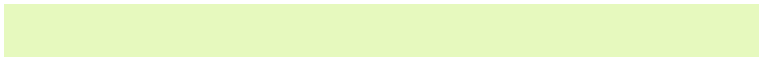
 72.2535, 0.2892,
0.5569

 71.9531, 0.2914,
0.5692

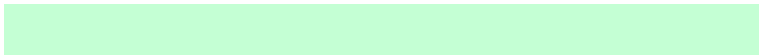
Harmonies

Analogous

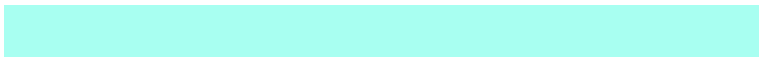
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.0092, 0.3353, 0.3903



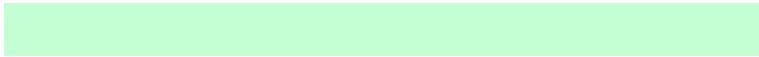
88.0092, 0.3009, 0.3761



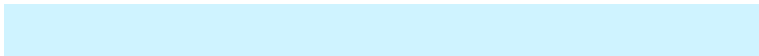
88.0092, 0.2708, 0.3470

Triad

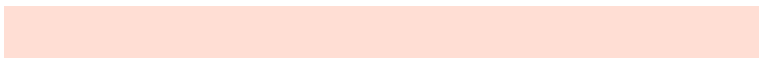
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.0092, 0.3009, 0.3761



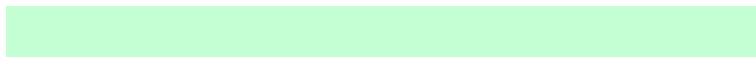
88.0092, 0.2617, 0.2740



88.0092, 0.3770, 0.3385

Complementary

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



88.0092, 0.3009, 0.3761



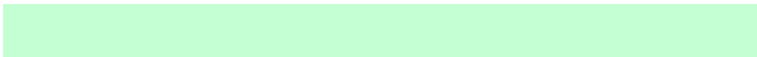
66.9719, 0.3271, 0.2861

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.



88.0092, 0.3551, 0.3106



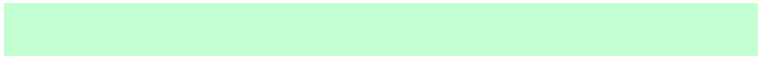
88.0092, 0.3009, 0.3761



88.0092, 0.2877, 0.2745

Square

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



88.0092, 0.3009, 0.3761



88.0092, 0.2491, 0.2876



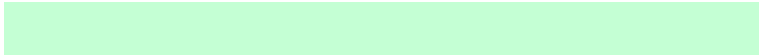
88.0092, 0.3219, 0.2877



88.0092, 0.3804, 0.3658

Rectangle

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



88.0092, 0.3009, 0.3761



88.0092, 0.2569, 0.3246



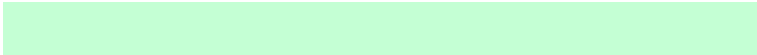
88.0092, 0.3219, 0.2877



88.0092, 0.3716, 0.3290

Sweetspot

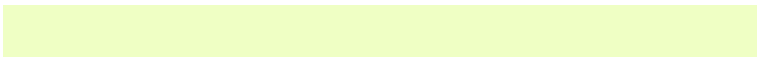
The Sweet Spot groups the original color and five complimentary colors.



88.0114, 0.3009, 0.3761



95.9611, 0.3091, 0.3419



93.9030, 0.3373, 0.3890



20.4687, 0.3088, 0.3431



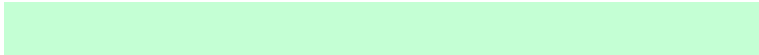
0.0000, 0.0000, 0.0000



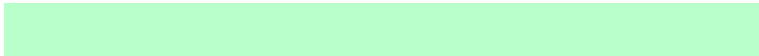
21.4041, 0.3127, 0.3290

Same Dimension

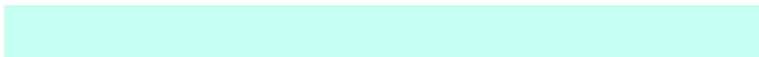
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.0114, 0.3009, 0.3761



85.9727, 0.2985, 0.3876



89.6212, 0.2854, 0.3436



20.2492, 0.3078, 0.3468



37.6183, 0.2907, 0.5665



3.6801, 0.2847, 0.5447

Inverse Universe

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



66.9719, 0.3271, 0.2861



61.4080, 0.3308, 0.2768



65.3833, 0.3497, 0.3150



18.2112, 0.3180, 0.3118



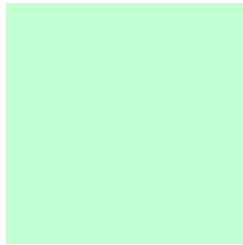
12.9814, 0.4043, 0.2001



1.2823, 0.3926, 0.1936

Previews

White Background



This preview shows how the Yxy color 88.0092, 0.3009, 0.3761 looks on a white background.

Color Contrast Check

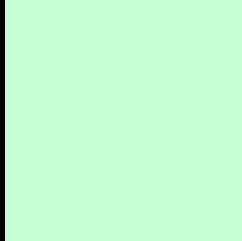
Large Text (above 18pt) WCAG AA × Fail

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 88.0092, 0.3009, 0.3761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

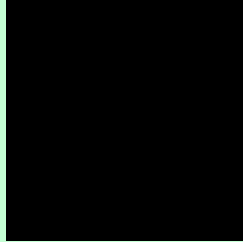
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

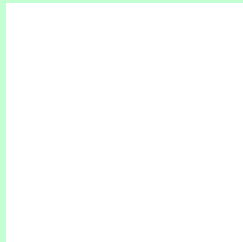
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.0092, 0.3009, 0.3761

Background



This preview shows how black text looks on a background with the Yxy color 88.0092, 0.3009, 0.3761.

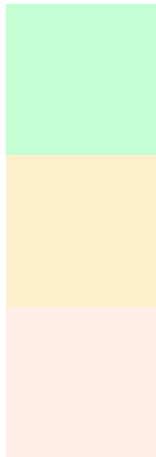


This preview shows how white text looks on a background with the Yxy color 88.0092, 0.3009, 0.3761.

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

88.0092, 0.3009, 0.3761

Protanopia

87.5625, 0.3443, 0.3651

Deuteranopia

87.5415, 0.3293, 0.3359



Tritanopia

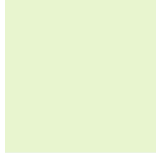
87.6093, 0.2932, 0.3178

Trichromacy



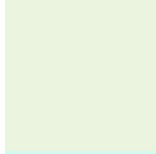
Original Color

88.0092, 0.3009, 0.3761



Protanomaly

86.9656, 0.3272, 0.3686



Deuteranomaly

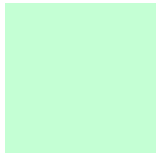
87.5215, 0.3189, 0.3506



Tritanomaly

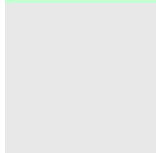
87.5129, 0.2961, 0.3384

Monochromacy



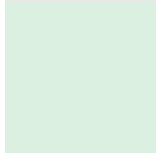
Original Color

88.0092, 0.3009, 0.3761



Achromatopsia

80.6952, 0.3127, 0.3290



Achromatomaly

82.8165, 0.3081, 0.3449

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.0092, 0.3009, 0.3761 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(196, 255, 212)` looks like.

```
.text, #text, p{  
    color:rgb(196, 255, 212)  
}
```

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(196, 255, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 255, 212) }
```

Border

The CSS property to change the border of an element to Yxy 88.0092, 0.3009, 0.3761 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(196, 255, 212) }
```

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

```
.border{ border-color:rgb(196, 255, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 255, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 255, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 255, 212);  
box-shadow:4px 4px 4px 4px rgb(196, 255,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 88.0092, 0.3009, 0.3761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 255, 212) }
```

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

```
.background{ background-color: rgb(196,  
255, 212) }
```

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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