

Converting Colors

$Yxy(91.9495, 0.3059, 0.3739)$

Have a look what the booklet for
Yxy(91.9495, 0.3059, 0.3739)
contains.

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Color

Yxy(89.8878, 0.3059, 0.3707)

Conversions

Conversions Part 1

Format	Color
Hex	D0FFD8
RGB	208, 255, 216
RGB Percent	82%, 100%, 85%
CMY	0.1842, 0.0000, 0.1529
CMYK	0.18, 0.00, 0.15, 0.00
HSL	130°, 100%, 91%
HSV	130°, 18%, 100%
XYZ	74.1750, 89.8878, 78.4184
YIQ	236.5010, -15.4930, -22.0930

Conversions

Conversions Part 2

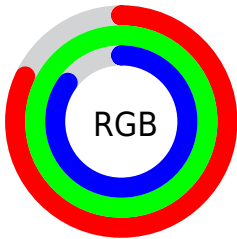
Format	Color
R_{YB}	208, 248, 255
Decimal	13696984
CIE _{Lab}	95.95, -22.21, 13.74
CIE _{LCh}	96, 26.116, 148.246
Yxy	89.8878, 0.3059, 0.3707
Android (android.graphics.Color)	4291887064 (0xFFD0FFD8)
YUV	236.5010, -10.1070, -24.9954
Hunter-Lab	94.8092, -26.2646, 17.3266

Details

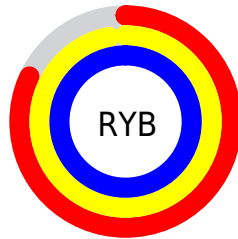
The Yxy color **89.8878, 0.3059, 0.3707** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **73.1021, 0.3204, 0.2906**, and the grayscale version is **84.3799, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.7337, 0.3042, 0.3805** is the 20% darker color. If you saturate the color by 10%, you get **85.4619, 0.3023, 0.3973**, and if you desaturate by 10%, it is **95.0565, 0.3096, 0.3469**.

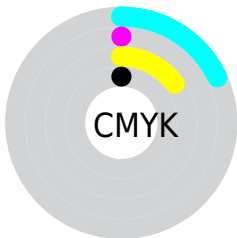
Distribution



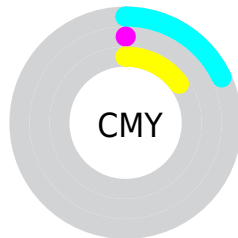
- Red (82%)
- Green (100%)
- Blue (85%)



- Red (82%)
- Yellow (97%)
- Blue (100%)



- Cyan (18%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)





- Cyan (18%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 89.8878, 0.3059, 0.3707 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 89.8878, 0.3059, 0.3707 by changing the saturation by 10% instead.


 89.8878, 0.3059,
0.3707

 89.8878, 0.3059,
0.3707


527.6658, 0.3092,
0.3516

 67.8876, 0.3051,
0.3750


147.1825, 0.3071,
0.3641

 49.8063, 0.3041,
0.3804


183.2458, 0.3075,
0.3615

 35.2595, 0.3028,
0.3871


224.7656, 0.3079,
0.3593

 23.8628, 0.3011,
0.3959

272.1263, 0.3082,
0.3573

 15.2319, 0.2986,
0.4077

325.7123, 0.3085,
0.3556

 8.9823, 0.2950,
0.4246

385.9079, 0.3088,

 4.7296, 0.2890,

0.3541

0.4504

453.0976, 0.3090,
0.3528

■ 2.0895, 0.2775,
0.4948

■ 0.6587, 0.1131,
0.8869

■ 89.8878, 0.3059,
0.3707

■ 89.8878, 0.3059,
0.3707

■ 85.4619, 0.3023,
0.3973

■ 95.0565, 0.3096,
0.3469

■ 81.7337, 0.2989,
0.4265

99.9984, 0.3127,
0.3290

■ 78.6707, 0.2960,
0.4573

■ 76.2333, 0.2938,
0.4888

■ 74.3774, 0.2927,
0.5191

■ 73.0536, 0.2928,
0.5464

■ 72.2034, 0.2940,
0.5688

■ 71.7474, 0.2961,
0.5849

■ 71.6956, 0.2964,
0.5869

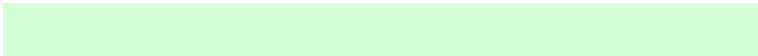
Harmonies

Analogous

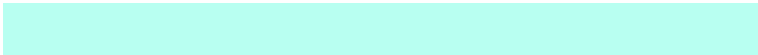
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.8878, 0.3352, 0.3812



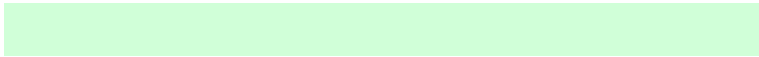
89.8878, 0.3059, 0.3707



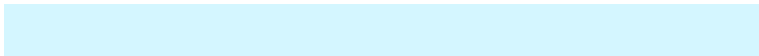
89.8878, 0.2793, 0.3472

Triad

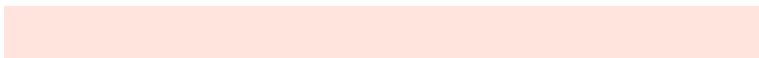
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.8878, 0.3059, 0.3707



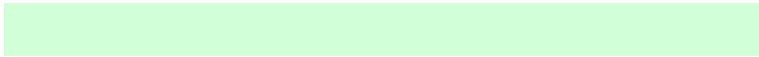
89.8878, 0.2673, 0.2826



89.8878, 0.3661, 0.3349

Complementary

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



89.8878, 0.3059, 0.3707



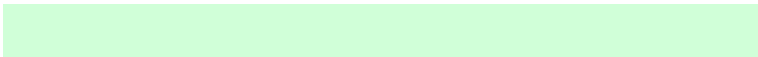
73.1021, 0.3204, 0.2906

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.



89.8878, 0.3462, 0.3110



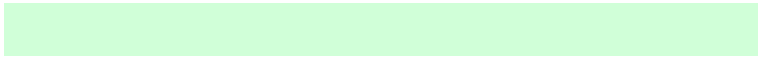
89.8878, 0.3059, 0.3707



89.8878, 0.2887, 0.2815

Square

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



89.8878, 0.3059, 0.3707



89.8878, 0.2578, 0.2958



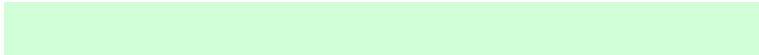
89.8878, 0.3175, 0.2919



89.8878, 0.3708, 0.3586

Rectangle

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



89.8878, 0.3059, 0.3707



89.8878, 0.2665, 0.3285



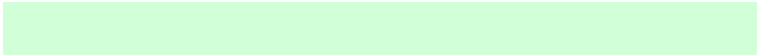
89.8878, 0.3175, 0.2919



89.8878, 0.3609, 0.3267

Sweetspot

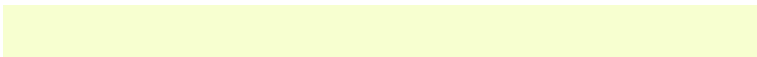
The Sweet Spot groups the original color and five complimentary colors.



89.8916, 0.3059, 0.3707



96.4218, 0.3105, 0.3415



95.8790, 0.3354, 0.3758



20.5585, 0.3103, 0.3430



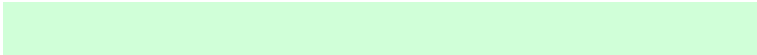
0.0000, 0.0000, 0.0000



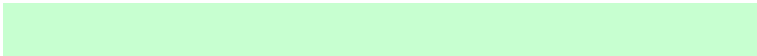
21.4041, 0.3127, 0.3290

Same Dimension

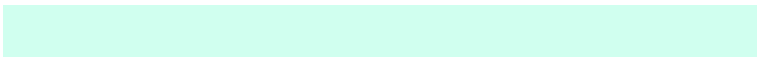
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.8916, 0.3059, 0.3707



88.2243, 0.3046, 0.3799



91.1849, 0.2932, 0.3453



20.2186, 0.3092, 0.3493



37.4779, 0.2958, 0.5849



3.6625, 0.2908, 0.5668

Inverse Universe

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



73.1021, 0.3204, 0.2906



68.6814, 0.3221, 0.2829



71.7510, 0.3371, 0.3133



18.2442, 0.3164, 0.3095



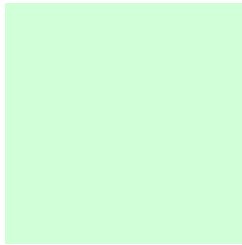
13.6022, 0.3694, 0.1808



1.3378, 0.3629, 0.1773

Previews

White Background



This preview shows how the Yxy color 89.8878, 0.3059, 0.3707 looks on a white background.

Color Contrast Check

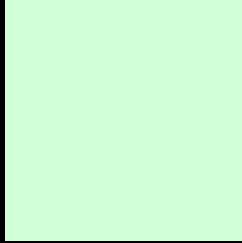
Large Text (above 18pt) WCAG AA × Fail

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 89.8878, 0.3059, 0.3707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

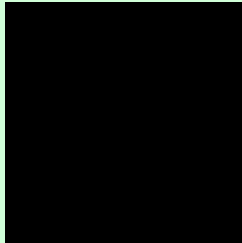
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

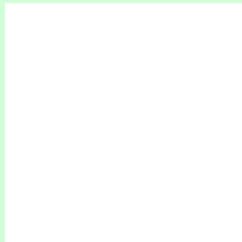
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.8878, 0.3059, 0.3707

Background



This preview shows how black text looks on a background with the Yxy color 89.8878, 0.3059, 0.3707.

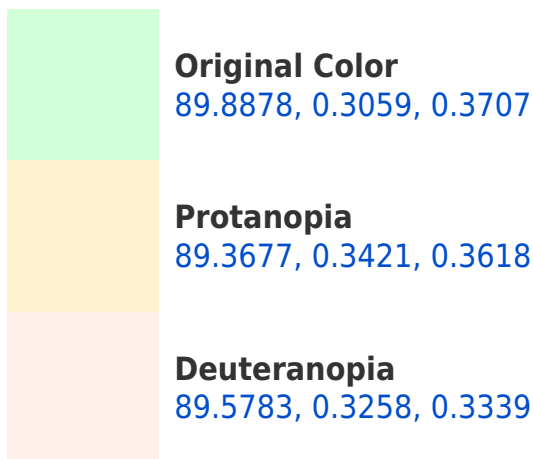


This preview shows how white text looks on a background with the Yxy color 89.8878, 0.3059, 0.3707.

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

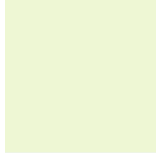
89.5137, 0.2981, 0.3190

Trichromacy



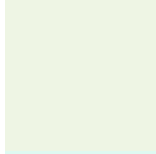
Original Color

89.8878, 0.3059, 0.3707



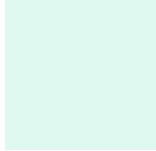
Protanomaly

89.4521, 0.3280, 0.3649



Deuteranomaly

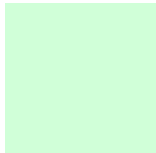
89.0834, 0.3184, 0.3463



Tritanomaly

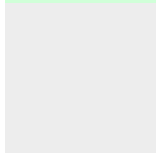
89.7902, 0.3011, 0.3372

Monochromacy



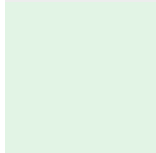
Original Color

89.8878, 0.3059, 0.3707



Achromatopsia

84.6873, 0.3127, 0.3290



Achromatomaly

86.5273, 0.3101, 0.3446

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.8878, 0.3059, 0.3707 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(208, 255, 216)` looks like.

```
.text, #text, p{  
    color:rgb(208, 255, 216)  
}
```

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(208, 255, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 255, 216) }
```

Border

The CSS property to change the border of an element to Yxy 89.8878, 0.3059, 0.3707 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(208, 255, 216) }
```

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

```
.border{ border-color:rgb(208, 255, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 255, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 255, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 255, 216);  
box-shadow:4px 4px 4px 4px rgb(208, 255,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 89.8878, 0.3059, 0.3707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 255, 216) }
```

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

```
.background{ background-color: rgb(208,  
255, 216) }
```

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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