

Converting Colors

Yxy(89.7948, 0.3128, 0.3810)

Have a look what the booklet for
Yxy(89.7948, 0.3128, 0.3810)
contains.

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Color

Yxy(89.8739, 0.3128, 0.3804)

Conversions

Conversions Part 1

Format	Color
Hex	D3FFCF
RGB	211, 255, 207
RGB Percent	83%, 100%, 81%
CMY	0.1722, 0.0000, 0.1882
CMYK	0.17, 0.00, 0.19, 0.00
HSL	115°, 100%, 91%
HSV	115°, 19%, 100%
XYZ	73.9026, 89.8739, 72.4850
YIQ	236.3720, -10.8160, -24.2560

Conversions

Conversions Part 2

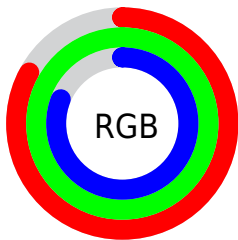
Format	Color
R_{YB}	207, 255, 251
Decimal	13893583
CIE Lab	95.94, -22.75, 18.37
CIE LCh	96, 29.240, 141.068
Yxy	89.8739, 0.3128, 0.3804
Android (android.graphics.Color)	4292083663 (0xFFD3FFCF)
YUV	236.3720, -14.4804, -22.2512
Hunter-Lab	94.8018, -26.7539, 21.0284

Details

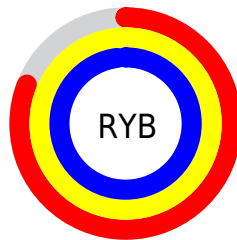
The Yxy color **89.8739, 0.3128, 0.3804** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **72.3404, 0.3120, 0.2817**, and the grayscale version is **84.3124, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.7560, 0.3121, 0.3916** is the 20% darker color. If you saturate the color by 10%, you get **85.5279, 0.3125, 0.4123**, and if you desaturate by 10%, it is **94.9293, 0.3128, 0.3516**.

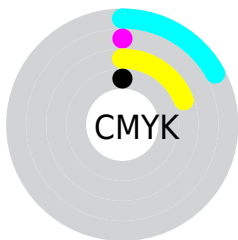
Distribution



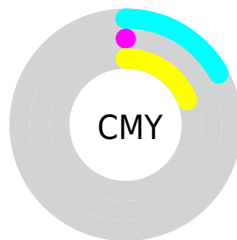
- Red (83%)
- Green (100%)
- Blue (81%)



- Red (81%)
- Yellow (100%)
- Blue (98%)



- Cyan (17%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)




- Cyan (17%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.8739, 0.3128, 0.3804 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 89.8739, 0.3128, 0.3804 by changing the saturation by 10% instead.

 89.8739, 0.3128,
0.3804

 89.8739, 0.3128,
0.3804


527.6206, 0.3132,
0.3567

 67.8761, 0.3126,
0.3858

147.1632, 0.3130,
0.3722

 49.7969, 0.3124,
0.3924

183.2235, 0.3131,
0.3690

 35.2521, 0.3120,
0.4008


224.7400, 0.3131,
0.3663

 23.8571, 0.3113,
0.4116

272.0972, 0.3131,
0.3639

 15.2277, 0.3102,
0.4263

325.6795, 0.3131,
0.3618

 8.9793, 0.3082,
0.4472


385.8712, 0.3132,


 4.7277, 0.3043,


0.3599

0.4792


453.0568, 0.3132,
0.3582


 2.0884, 0.2976,
0.5382


 0.6581, 0.0964,
0.9036

 89.8739, 0.3128,
0.3804


 89.8739, 0.3128,
0.3804

 85.5279, 0.3125,
0.4123

 94.9293, 0.3128,
0.3516

 81.8488, 0.3119,
0.4467

99.9924, 0.3127,
0.3290

 78.8068, 0.3109,
0.4821

 76.3657, 0.3095,
0.5167

■ 74.4854, 0.3077,
0.5477

■ 73.1210, 0.3056,
0.5726

■ 72.2206, 0.3035,
0.5895

■ 71.7181, 0.3016,
0.5981

■ 71.6789, 0.3014,
0.5989

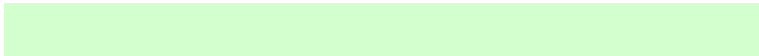
Harmonies

Analogous

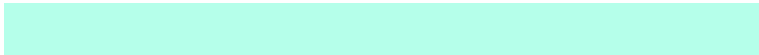
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.8739, 0.3450, 0.3878



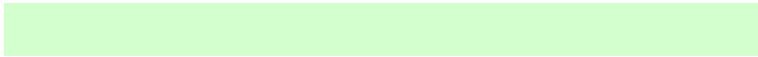
89.8739, 0.3128, 0.3804



89.8739, 0.2817, 0.3567

Triad

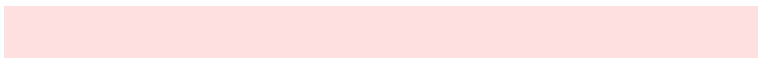
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.8739, 0.3128, 0.3804



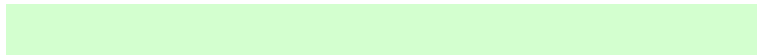
89.8739, 0.2582, 0.2795



89.8739, 0.3686, 0.3288

Complementary

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



89.8739, 0.3128, 0.3804



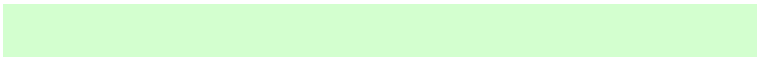
72.3404, 0.3120, 0.2817

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.



89.8739, 0.3430, 0.3031



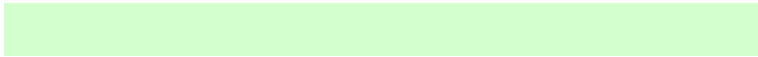
89.8739, 0.3128, 0.3804



89.8739, 0.2791, 0.2753

Square

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



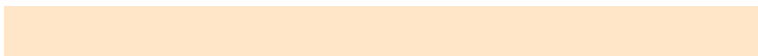
89.8739, 0.3128, 0.3804



89.8739, 0.2513, 0.2970



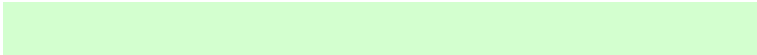
89.8739, 0.3099, 0.2840



89.8739, 0.3783, 0.3558

Rectangle

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



89.8739, 0.3128, 0.3804



89.8739, 0.2656, 0.3359



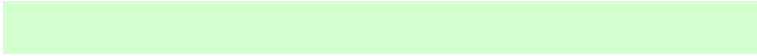
89.8739, 0.3099, 0.2840



89.8739, 0.3615, 0.3198

Sweetspot

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



89.8777, 0.3128, 0.3804



96.4940, 0.3128, 0.3441



94.2521, 0.3420, 0.3716



20.5754, 0.3128, 0.3458



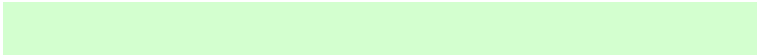
0.0000, 0.0000, 0.0000



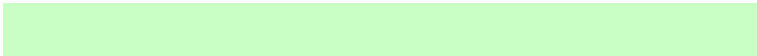
21.4041, 0.3127, 0.3290

Same Dimension

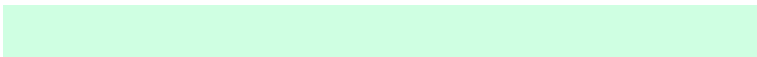
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.8777, 0.3128, 0.3804



87.9844, 0.3127, 0.3934



90.2802, 0.2997, 0.3596



20.2418, 0.3128, 0.3535



37.4829, 0.3018, 0.5985



3.6736, 0.3058, 0.5954

Inverse Universe

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



72.3404, 0.3120, 0.2817



67.1861, 0.3117, 0.2709



71.9295, 0.3284, 0.3003



18.2174, 0.3124, 0.3055



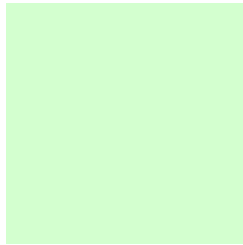
12.8888, 0.2996, 0.1424



1.2771, 0.3022, 0.1438

Previews

White Background



This preview shows how the Yxy color 89.8739, 0.3128, 0.3804 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 89.8739, 0.3128, 0.3804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

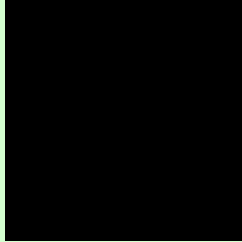
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

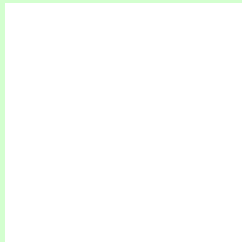
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.8739, 0.3128, 0.3804

Background



This preview shows how black text looks on a background with the Yxy color 89.8739, 0.3128, 0.3804.

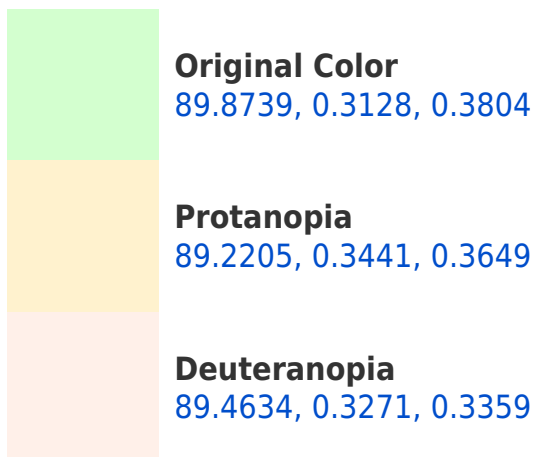


This preview shows how white text looks on a background with the Yxy color 89.8739, 0.3128, 0.3804.

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

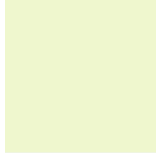
89.6806, 0.2987, 0.3190

Trichromacy



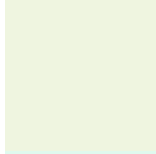
Original Color

89.8739, 0.3128, 0.3804



Protanomaly

89.3285, 0.3323, 0.3711



Deuteranomaly

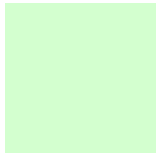
89.0374, 0.3215, 0.3503



Tritanomaly

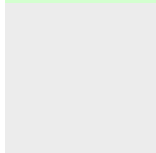
89.7717, 0.3034, 0.3403

Monochromacy



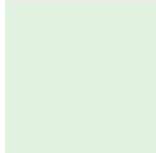
Original Color

89.8739, 0.3128, 0.3804



Achromatopsia

83.8799, 0.3127, 0.3290



Achromatomaly

85.8683, 0.3131, 0.3478

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.8739, 0.3128, 0.3804 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(211, 255, 207)` looks like.

```
.text, #text, p{  
    color:rgb(211, 255, 207)  
}
```

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(211, 255, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 255, 207) }
```

Border

The CSS property to change the border of an element to Yxy 89.8739, 0.3128, 0.3804 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(211, 255, 207) }
```

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

```
.border{ border-color:rgb(211, 255, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 255, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 255, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 255, 207);  
box-shadow:4px 4px 4px 4px rgb(211, 255,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 89.8739, 0.3128, 0.3804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 255, 207) }
```

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

```
.background{ background-color: rgb(211,  
255, 207) }
```

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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