

Converting Colors

$Yxy(89.1194, 0.3138, 0.3818)$

Have a look what the booklet for
Yxy(89.1194, 0.3138, 0.3818)
contains.

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Color

Yxy(89.1403, 0.3139, 0.3817)

Conversions

Conversions Part 1

Format	Color
Hex	D3FECD
RGB	211, 254, 205
RGB Percent	83%, 100%, 80%
CMY	0.1729, 0.0038, 0.1961
CMYK	0.17, 0.00, 0.19, 0.00
HSL	113°, 96%, 90%
HSV	113°, 19%, 100%
XYZ	73.3066, 89.1403, 71.0880
YIQ	235.5570, -9.8990, -24.3550

Conversions

Conversions Part 2

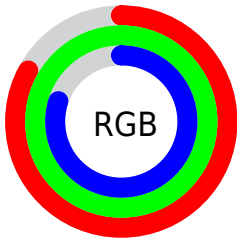
Format	Color
R _Y B	205, 254, 248
Decimal	13893325
CIE Lab	95.64, -22.67, 18.98
CIE LCh	96, 29.564, 140.065
Yxy	89.1403, 0.3139, 0.3817
Android (android.graphics.Color)	4292083405 (0xFFD3FECD)
YUV	235.5570, -15.0646, -21.5365
Hunter-Lab	94.4141, -26.6307, 21.4482

Details

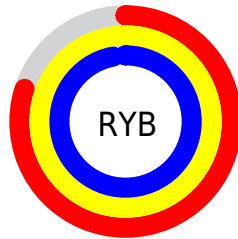
The Yxy color **89.1403, 0.3139, 0.3817** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **70.7846, 0.3107, 0.2803**, and the grayscale version is **83.6384, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.2348, 0.3136, 0.3932** is the 20% darker color. If you saturate the color by 10%, you get **84.9451, 0.3141, 0.4135**, and if you desaturate by 10%, it is **94.0002, 0.3134, 0.3529**.

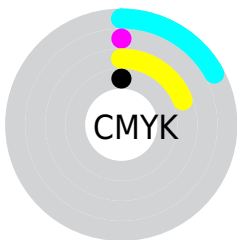
Distribution



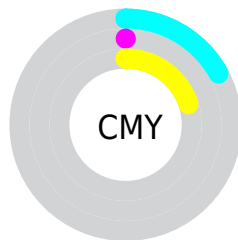
- Red (83%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (97%)



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




- Cyan (17%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.1403, 0.3139, 0.3817 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 89.1403, 0.3139, 0.3817 by changing the saturation by 10% instead.


 89.1403, 0.3139,
0.3817

 89.1403, 0.3139,
0.3817


525.2303, 0.3138,
0.3574

 67.2678, 0.3138,
0.3872

146.1437, 0.3139,
0.3733

 49.3023, 0.3137,
0.3940


182.0433, 0.3139,
0.3700

 34.8594, 0.3134,
0.4027


223.3875, 0.3139,
0.3672

 23.5546, 0.3129,
0.4139

270.5607, 0.3139,
0.3647

 15.0035, 0.3121,
0.4290

323.9471, 0.3139,
0.3625

 8.8219, 0.3103,
0.4506

383.9313, 0.3138,

 4.6252, 0.3066,

0.3606

0.4837

450.8975, 0.3138,
0.3589

■ 2.0291, 0.3017,
0.5476

■ 0.6243, 0.0602,
0.9398

■ 89.1403, 0.3139,
0.3817

■ 89.1403, 0.3139,
0.3817

■ 84.9451, 0.3141,
0.4135

■ 94.0002, 0.3134,
0.3529

■ 81.3749, 0.3140,
0.4476

99.3797, 0.3128,
0.3281

■ 78.4029, 0.3133,
0.4827

■ 75.9961, 0.3120,
0.5168

■ 74.1184, 0.3102,
0.5473

■ 72.7291, 0.3078,
0.5719

■ 71.7816, 0.3051,
0.5887

■ 71.2157, 0.3026,
0.5976

■ 71.1873, 0.3025,
0.5980

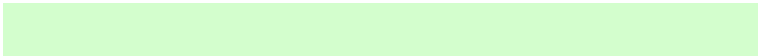
Harmonies

Analogous

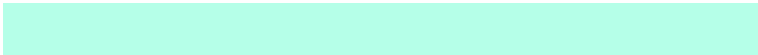
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.1403, 0.3464, 0.3885



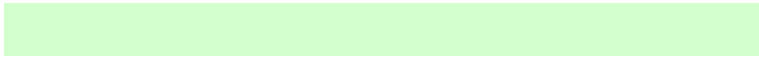
89.1403, 0.3139, 0.3817



89.1403, 0.2822, 0.3581

Triad

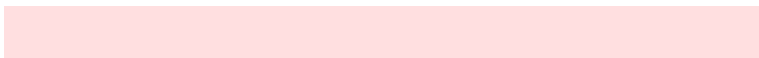
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.1403, 0.3139, 0.3817



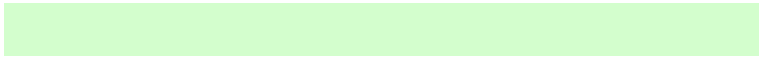
89.1403, 0.2570, 0.2792



89.1403, 0.3687, 0.3278

Complementary

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



89.1403, 0.3139, 0.3817



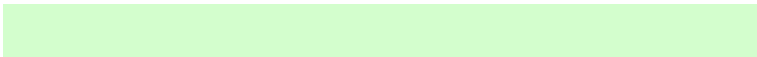
70.7846, 0.3107, 0.2803

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.



89.1403, 0.3424, 0.3020



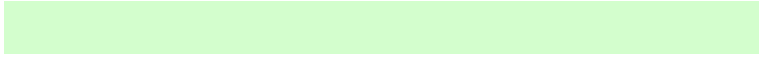
89.1403, 0.3139, 0.3817



89.1403, 0.2777, 0.2745

Square

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



89.1403, 0.3139, 0.3817



89.1403, 0.2505, 0.2974



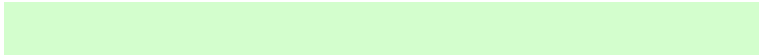
89.1403, 0.3087, 0.2829



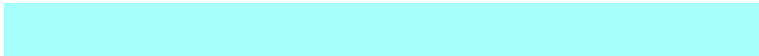
89.1403, 0.3792, 0.3552

Rectangle

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



89.1403, 0.3139, 0.3817



89.1403, 0.2656, 0.3370



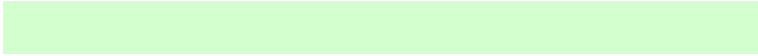
89.1403, 0.3087, 0.2829



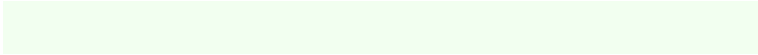
89.1403, 0.3614, 0.3188

Sweetspot

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



89.1441, 0.3139, 0.3817



96.5916, 0.3132, 0.3441



92.3021, 0.3431, 0.3712



20.5984, 0.3132, 0.3458



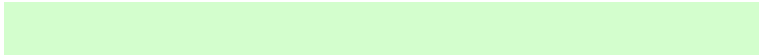
0.0000, 0.0000, 0.0000



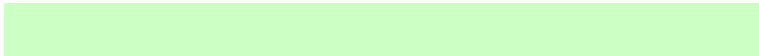
21.4041, 0.3127, 0.3290

Same Dimension

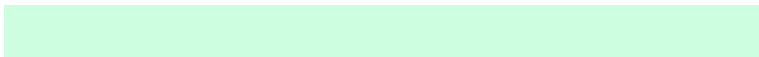
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.1441, 0.3139, 0.3817



88.2815, 0.3140, 0.3931



89.2024, 0.3003, 0.3622



20.2735, 0.3134, 0.3534



37.5548, 0.3030, 0.5976



3.6885, 0.3083, 0.5934

Inverse Universe

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



70.7846, 0.3107, 0.2803



66.7958, 0.3101, 0.2706



70.7891, 0.3277, 0.2979



18.1822, 0.3119, 0.3054



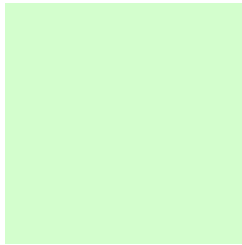
12.1075, 0.2905, 0.1374



1.2090, 0.2942, 0.1394

Previews

White Background



This preview shows how the Yxy color 89.1403, 0.3139, 0.3817 looks on a white background.

Color Contrast Check

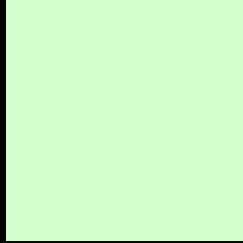
Large Text (above 18pt) WCAG AA × Fail

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 89.1403, 0.3139, 0.3817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

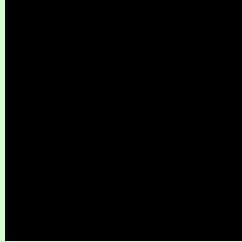
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

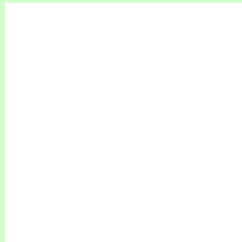
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.1403, 0.3139, 0.3817

Background



This preview shows how black text looks on a background with the Yxy color 89.1403, 0.3139, 0.3817.

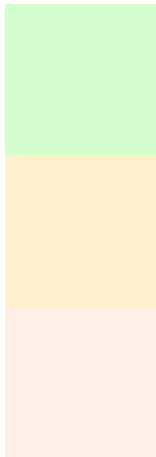


This preview shows how white text looks on a background with the Yxy color 89.1403, 0.3139, 0.3817.

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

89.1403, 0.3139, 0.3817

Protanopia

88.4349, 0.3468, 0.3680

Deuteranopia

88.7625, 0.3284, 0.3369



Tritanopia

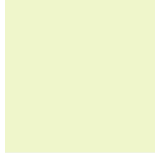
88.9103, 0.2981, 0.3179

Trichromacy



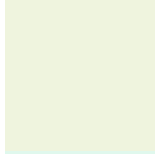
Original Color

89.1403, 0.3139, 0.3817



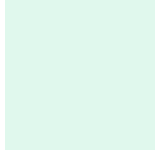
Protanomaly

88.5741, 0.3343, 0.3732



Deuteranomaly

88.3260, 0.3228, 0.3514



Tritanomaly

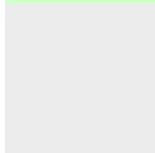
89.0965, 0.3040, 0.3403

Monochromacy



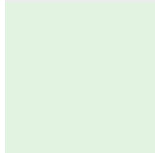
Original Color

89.1403, 0.3139, 0.3817



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 89.1403, 0.3139, 0.3817 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, 254, 205)` looks like.

```
.text, #text, p{  
    color:rgb(211, 254, 205)  
}
```

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, 254, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 254, 205) }
```

Border

The CSS property to change the border of an element to Yxy 89.1403, 0.3139, 0.3817 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, 254, 205) }
```

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

```
.border{ border-color:rgb(211, 254, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 254, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 254, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 254, 205);  
box-shadow:4px 4px 4px 4px rgb(211, 254,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 89.1403, 0.3139, 0.3817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 254, 205) }
```

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

```
.background{ background-color: rgb(211,  
254, 205) }
```

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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