

Converting Colors

Yxy(119.1714, 0.3164, 0.4299)

Have a look what the booklet for
Yxy(119.1714, 0.3164, 0.4299)
contains.

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Color

Yxy(89.5026, 0.3196, 0.3925)

Conversions

Conversions Part 1

Format	Color
Hex	D4FFC4
RGB	212, 255, 196
RGB Percent	83%, 100%, 77%
CMY	0.1685, 0.0000, 0.2314
CMYK	0.17, 0.00, 0.23, 0.00
HSL	104°, 100%, 88%
HSV	104°, 23%, 100%
XYZ	72.8791, 89.5026, 65.6504
YIQ	235.4170, -6.6890, -27.4650

Conversions

Conversions Part 2

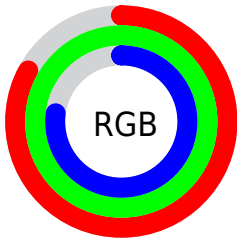
Format	Color
RYB	196, 255, 239
Decimal	13959108
CIELab	95.79, -24.21, 23.78
CIElCh	96, 33.937, 135.517
Yxy	89.5026, 0.3196, 0.3925
Android (android.graphics.Color)	4292149188 (0xFFD4FFC4)
YUV	235.4170, -19.4326, -20.5367
Hunter-Lab	94.6058, -28.0537, 25.0806

Details

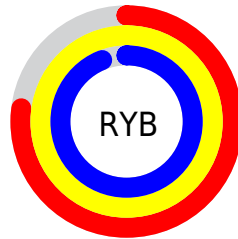
The Yxy color **89.5026, 0.3196, 0.3925** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.0385, 0.3036, 0.2691**, and the grayscale version is **83.5712, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **49.5093, 0.3206, 0.4072** is the 20% darker color. If you saturate the color by 10%, you get **85.8382, 0.3220, 0.4241**, and if you desaturate by 10%, it is **93.6881, 0.3168, 0.3633**.

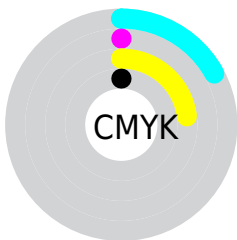
Distribution



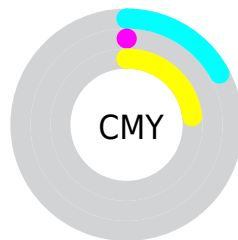
- Red (83%)
- Green (100%)
- Blue (77%)



- Red (77%)
- Yellow (100%)
- Blue (94%)



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.5026, 0.3196, 0.3925 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 89.5026, 0.3196, 0.3925 by changing the saturation by 10% instead.

 89.5026, 0.3196,
0.3925

 89.5026, 0.3196,
0.3925


526.4115, 0.3171,
0.3631

 67.5682, 0.3200,
0.3992


146.6473, 0.3189,
0.3823

 49.5465, 0.3204,
0.4074


182.6263, 0.3186,
0.3784

 35.0532, 0.3208,
0.4178


224.0557, 0.3183,
0.3750

 23.7039, 0.3211,
0.4313

271.3199, 0.3180,
0.3720

 15.1141, 0.3210,
0.4495

324.8031, 0.3177,
0.3694

 8.8995, 0.3202,
0.4754

384.8899, 0.3175,

 4.6757, 0.3171,

0.3671

0.5144

451.9645, 0.3173,
0.3650

■ 2.0583, 0.3220,
0.6070

■ 0.6410, 0.0276,
0.9724

■ 89.5026, 0.3196,
0.3925

■ 89.5026, 0.3196,
0.3925

■ 85.8382, 0.3220,
0.4241

■ 93.6881, 0.3168,
0.3633

■ 82.6647, 0.3236,
0.4571

■ 98.4047, 0.3137,
0.3367

■ 79.9631, 0.3243,
0.4902

100.0000, 0.3127,
0.3290

■ 77.7095, 0.3237,
0.5216

■ 75.8777, 0.3217,
0.5491

■ 74.4383, 0.3183,
0.5708

■ 73.3575, 0.3139,
0.5853

■ 72.7962, 0.3107,
0.5915

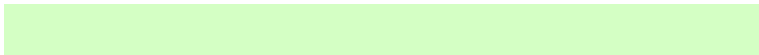
Harmonies

Analogous

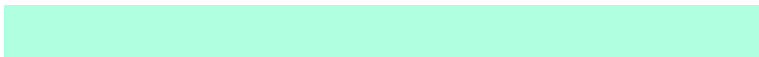
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.5026, 0.3561, 0.3967



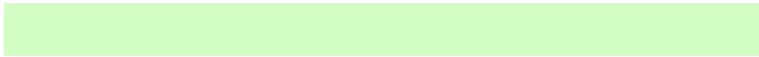
89.5026, 0.3196, 0.3925



89.5026, 0.2827, 0.3676

Triad

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



89.5026, 0.3196, 0.3925



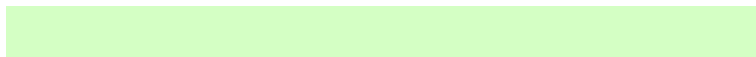
89.5026, 0.2471, 0.2742



89.5026, 0.3734, 0.3226

Complementary

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



89.5026, 0.3196, 0.3925



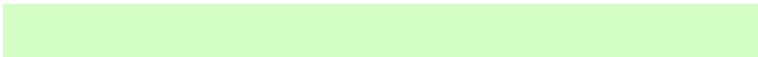
65.0385, 0.3036, 0.2691

Split Complementary

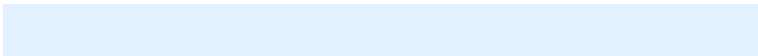
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.5026, 0.3410, 0.2943



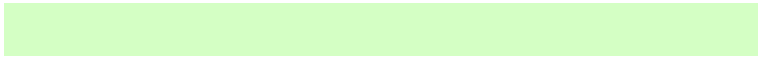
89.5026, 0.3196, 0.3925



89.5026, 0.2682, 0.2668

Square

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



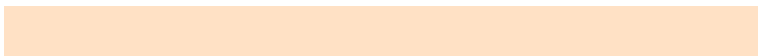
89.5026, 0.3196, 0.3925



89.5026, 0.2423, 0.2968



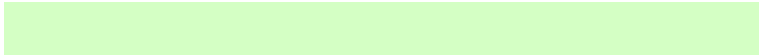
89.5026, 0.3021, 0.2744



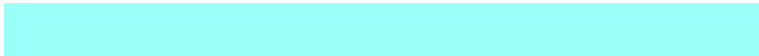
89.5026, 0.3886, 0.3538

Rectangle

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



89.5026, 0.3196, 0.3925



89.5026, 0.2627, 0.3437



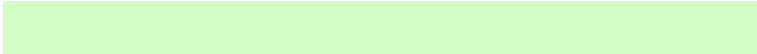
89.5026, 0.3021, 0.2744



89.5026, 0.3641, 0.3126

Sweetspot

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



89.5058, 0.3196, 0.3925



96.5206, 0.3149, 0.3466



86.5571, 0.3513, 0.3714



20.5979, 0.3151, 0.3482



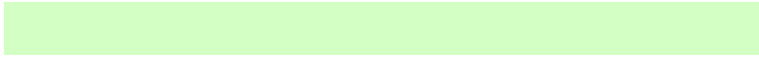
0.0000, 0.0000, 0.0000



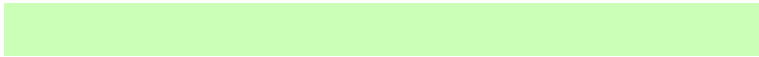
21.4041, 0.3127, 0.3290

Same Dimension

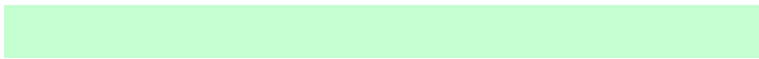
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.5058, 0.3196, 0.3925



87.6610, 0.3208, 0.4076



87.8464, 0.3027, 0.3798



20.4069, 0.3157, 0.3533



38.1002, 0.3117, 0.5907



3.7608, 0.3196, 0.5845

Inverse Universe

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



65.0385, 0.3036, 0.2691



59.0988, 0.3011, 0.2558



67.1580, 0.3247, 0.2830



18.0376, 0.3094, 0.3053



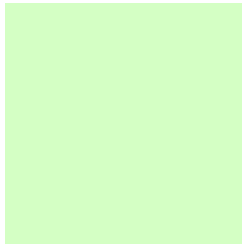
9.2852, 0.2529, 0.1167



0.9581, 0.2609, 0.1211

Previews

White Background



This preview shows how the Yxy color 89.5026, 0.3196, 0.3925 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 89.5026, 0.3196, 0.3925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

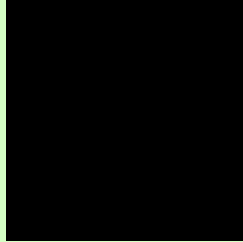
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

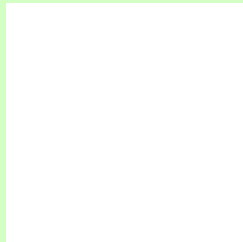
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.5026, 0.3196, 0.3925

Background



This preview shows how black text looks on a background with the Yxy color 89.5026, 0.3196, 0.3925.

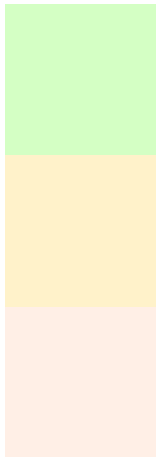


This preview shows how white text looks on a background with the Yxy color 89.5026, 0.3196, 0.3925.

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

89.5026, 0.3196, 0.3925

Protanopia

89.0285, 0.3466, 0.3689

Deuteranopia

88.7062, 0.3291, 0.3379



Tritanopia

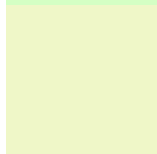
89.0772, 0.2987, 0.3180

Trichromacy



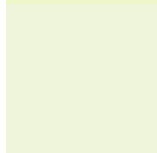
Original Color

89.5026, 0.3196, 0.3925



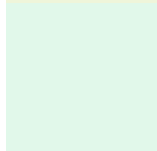
Protanomaly

89.0424, 0.3360, 0.3773



Deuteranomaly

88.7175, 0.3252, 0.3566



Tritanomaly

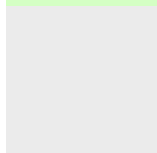
89.0829, 0.3064, 0.3434

Monochromacy



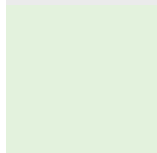
Original Color

89.5026, 0.3196, 0.3925



Achromatopsia

83.0770, 0.3127, 0.3290



Achromatomaly

85.0556, 0.3156, 0.3510

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.5026, 0.3196, 0.3925 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(212, 255, 196)` looks like.

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

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

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

Border

The CSS property to change the border of an element to Yxy 89.5026, 0.3196, 0.3925 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(212, 255, 196) }
```

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

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

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

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

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


Background

The CSS property to change the background color of an element to Yxy 89.5026, 0.3196, 0.3925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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