

Converting Colors

$Yxy(89.3699, 0.3188, 0.3922)$

Have a look what the booklet for
Yxy(89.3699, 0.3188, 0.3922)
contains.

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Color

Yxy(89.3544, 0.3189, 0.3926)

Conversions

Conversions Part 1

Format	Color
Hex	D3FFC4
RGB	211, 255, 196
RGB Percent	83%, 100%, 77%
CMY	0.1727, 0.0000, 0.2313
CMYK	0.17, 0.00, 0.23, 0.00
HSL	105°, 100%, 88%
HSV	105°, 23%, 100%
XYZ	72.5805, 89.3544, 65.6616
YIQ	235.1180, -7.2850, -27.6770

Conversions

Conversions Part 2

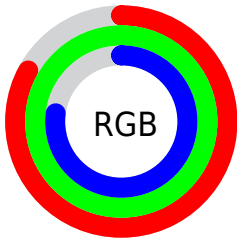
Format	Color
R_{YB}	196, 255, 240
Decimal	13893572
CIE _{Lab}	95.73, -24.57, 23.66
CIE _{LCh}	96, 34.114, 136.080
Yxy	89.3544, 0.3189, 0.3926
Android (android.graphics.Color)	4292083652 (0xFFD3FFC4)
YUV	235.1180, -19.2852, -21.1515
Hunter-Lab	94.5275, -28.3663, 24.9846

Details

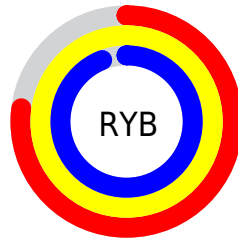
The Yxy color **89.3544, 0.3189, 0.3926** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.2503, 0.3044, 0.2693**, and the grayscale version is **83.3173, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **49.4091, 0.3198, 0.4074** is the 20% darker color. If you saturate the color by 10%, you get **85.6372, 0.3210, 0.4243**, and if you desaturate by 10%, it is **93.5918, 0.3164, 0.3632**.

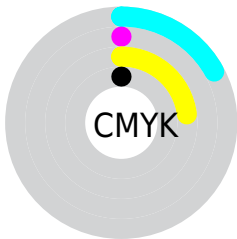
Distribution



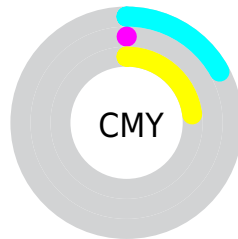
- Red (83%)
- Green (100%)
- Blue (77%)



- 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 89.3544, 0.3189, 0.3926 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 89.3544, 0.3189, 0.3926 by changing the saturation by 10% instead.


 89.3544, 0.3189,
0.3926

 89.3544, 0.3189,
0.3926

525.9285, 0.3167,
0.3632

 67.4453, 0.3192,
0.3993


146.4413, 0.3183,
0.3824

 49.4466, 0.3195,
0.4076


182.3879, 0.3180,
0.3784

 34.9739, 0.3198,
0.4180


223.7825, 0.3178,
0.3750

 23.6428, 0.3200,
0.4316

271.0094, 0.3175,
0.3720

 15.0688, 0.3197,
0.4499

324.4531, 0.3173,
0.3694

 8.8677, 0.3186,
0.4759

384.4979, 0.3171,

 4.6550, 0.3152,

0.3671

0.5153

451.5282, 0.3169,
0.3650

■ 2.0463, 0.3194,
0.6088

■ 0.6342, 0.0045,
0.9955

■ 89.3544, 0.3189,
0.3926

■ 89.3544, 0.3189,
0.3926

■ 85.6372, 0.3210,
0.4243

■ 93.5918, 0.3164,
0.3632

■ 82.4342, 0.3224,
0.4576

■ 98.3853, 0.3136,
0.3367

■ 79.7171, 0.3228,
0.4909

■ 100.0000, 0.3127,
0.3290

■ 77.4610, 0.3220,
0.5226

■ 75.6384, 0.3200,
0.5503

■ 74.2188, 0.3167,
0.5720

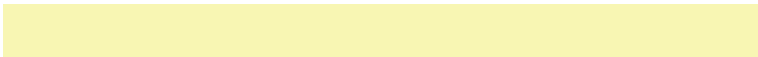
■ 73.1667, 0.3124,
0.5864

■ 72.6285, 0.3093,
0.5926

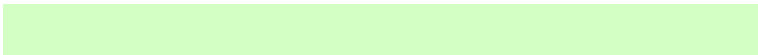
Harmonies

Analogous

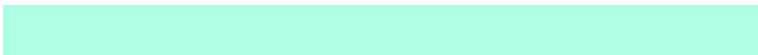
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.3544, 0.3557, 0.3972



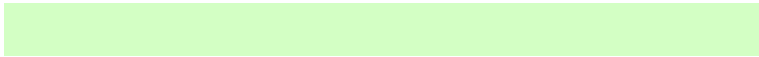
89.3544, 0.3189, 0.3926



89.3544, 0.2819, 0.3672

Triad

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



89.3544, 0.3189, 0.3926



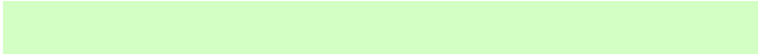
89.3544, 0.2470, 0.2736



89.3544, 0.3742, 0.3232

Complementary

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



89.3544, 0.3189, 0.3926



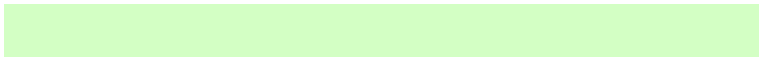
65.2503, 0.3044, 0.2693

Split Complementary

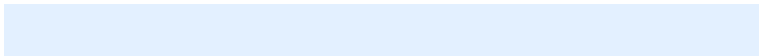
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.3544, 0.3418, 0.2946



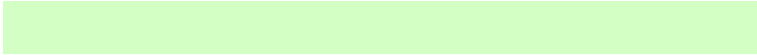
89.3544, 0.3189, 0.3926



89.3544, 0.2685, 0.2665

Square

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



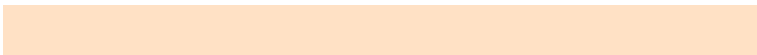
89.3544, 0.3189, 0.3926



89.3544, 0.2419, 0.2960



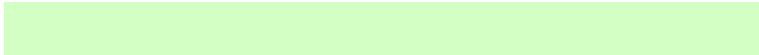
89.3544, 0.3028, 0.2744



89.3544, 0.3891, 0.3545

Rectangle

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



89.3544, 0.3189, 0.3926



89.3544, 0.2619, 0.3431



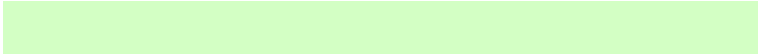
89.3544, 0.3028, 0.2744



89.3544, 0.3649, 0.3130

Sweetspot

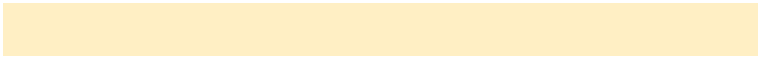
The Sweet Spot groups the original color and five complimentary colors.



89.3492, 0.3189, 0.3926



96.4618, 0.3147, 0.3466



87.1404, 0.3510, 0.3724



20.5843, 0.3149, 0.3482



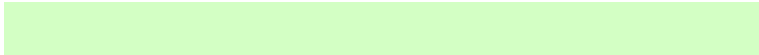
0.0000, 0.0000, 0.0000



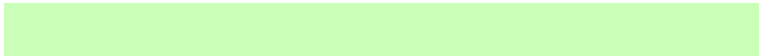
21.4041, 0.3127, 0.3290

Same Dimension

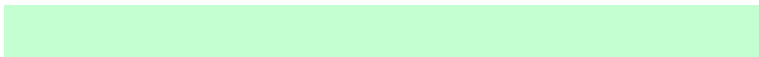
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.3492, 0.3189, 0.3926



87.4751, 0.3200, 0.4078



87.9021, 0.3021, 0.3787



20.3903, 0.3154, 0.3533



38.0092, 0.3102, 0.5919



3.7500, 0.3179, 0.5858

Inverse Universe

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



65.2503, 0.3044, 0.2693



59.3268, 0.3021, 0.2560



67.1177, 0.3254, 0.2840



18.0553, 0.3097, 0.3053



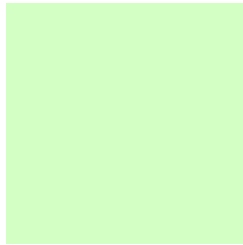
9.5977, 0.2575, 0.1192



0.9863, 0.2650, 0.1233

Previews

White Background



This preview shows how the Yxy color 89.3544, 0.3189, 0.3926 looks on a white background.

Color Contrast Check

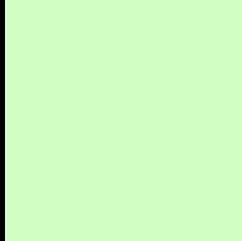
Large Text (above 18pt) WCAG AA × Fail

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 89.3544, 0.3189, 0.3926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

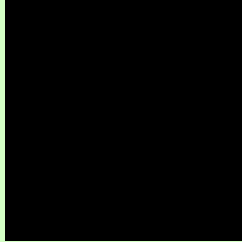
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

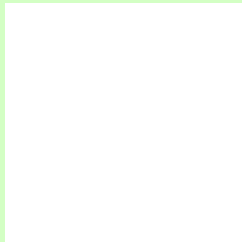
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.3544, 0.3189, 0.3926

Background



This preview shows how black text looks on a background with the Yxy color 89.3544, 0.3189, 0.3926.

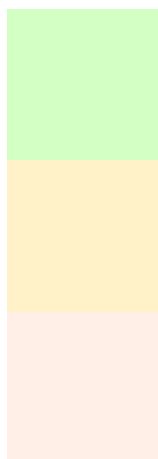


This preview shows how white text looks on a background with the Yxy color 89.3544, 0.3189, 0.3926.

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

89.3544, 0.3189, 0.3926

Protanopia

88.9813, 0.3473, 0.3699

Deuteranopia

88.7062, 0.3291, 0.3379



Tritanopia

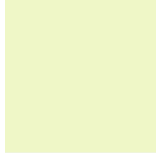
89.0772, 0.2987, 0.3180

Trichromacy



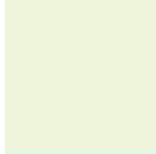
Original Color

89.3544, 0.3189, 0.3926



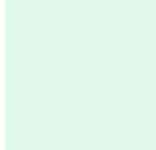
Protanomaly

88.9958, 0.3366, 0.3784



Deuteranomaly

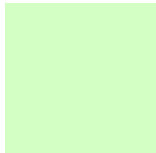
88.7175, 0.3252, 0.3566



Tritanomaly

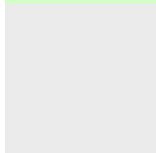
88.9226, 0.3057, 0.3434

Monochromacy



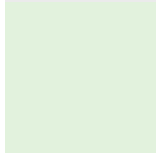
Original Color

89.3544, 0.3189, 0.3926



Achromatopsia

83.0770, 0.3127, 0.3290



Achromatomaly

84.8935, 0.3150, 0.3510

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.3544, 0.3189, 0.3926 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(211, 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(211, 255, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 255, 196) }
```

Border

The CSS property to change the border of an element to Yxy 89.3544, 0.3189, 0.3926 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, 196) }
```

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

```
.border{ border-color:rgb(211, 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(211, 255, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 255, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 255, 196);  
box-shadow:4px 4px 4px 4px rgb(211, 255,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 89.3544, 0.3189, 0.3926 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, 196) }
```

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

```
.background{ background-color: rgb(211,  
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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