

Converting Colors

$Yxy(89.0860, 0.3274, 0.4065)$

Have a look what the booklet for
Yxy(89.0860, 0.3274, 0.4065)
contains.

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Color

Yxy(89.0850, 0.3275, 0.4067)

Conversions

Conversions Part 1

Format	Color
Hex	D5FFB7
RGB	213, 255, 183
RGB Percent	84%, 100%, 72%
CMY	0.1649, 0.0000, 0.2823
CMYK	0.16, 0.00, 0.28, 0.00
HSL	95°, 100%, 86%
HSV	95°, 28%, 100%
XYZ	71.7368, 89.0850, 58.2218
YIQ	234.2340, -1.9200, -31.2960

Conversions

Conversions Part 2

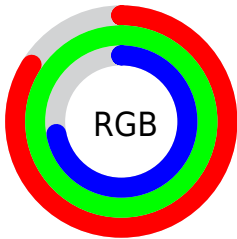
Format	Color
RYB	183, 255, 225
Decimal	14024631
CIELab	95.62, -25.87, 30.11
CIELCh	96, 39.694, 130.665
Yxy	89.0850, 0.3275, 0.4067
Android (android.graphics.Color)	4292214711 (0xFFD5FFB7)
YUV	234.2340, -25.2584, -18.6222
Hunter-Lab	94.3849, -29.5054, 29.4961

Details

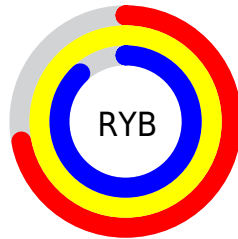
The Yxy color **89.0850, 0.3275, 0.4067** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **57.1131, 0.2932, 0.2535**, and the grayscale version is **82.6493, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **49.1412, 0.3297, 0.4256** is the 20% darker color. If you saturate the color by 10%, you get **85.9840, 0.3318, 0.4377**, and if you desaturate by 10%, it is **92.5677, 0.3225, 0.3772**.

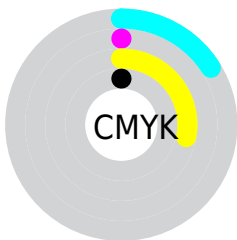
Distribution



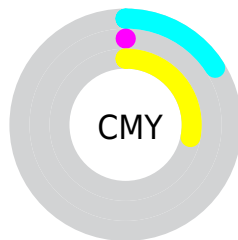
- Red (84%)
- Green (100%)
- Blue (72%)



- Red (72%)
- Yellow (100%)
- Blue (88%)



- Cyan (16%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)





- Cyan (16%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.0850, 0.3275, 0.4067 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 89.0850, 0.3275, 0.4067 by changing the saturation by 10% instead.


 89.0850, 0.3275,
0.4067

 89.0850, 0.3275,
0.4067


525.0499, 0.3218,
0.3707

 67.2220, 0.3285,
0.4149


 146.0668, 0.3257,
0.3942

 49.2651, 0.3296,
0.4250

181.9543, 0.3250,
0.3894

 34.8298, 0.3308,
0.4377


223.2855, 0.3243,
0.3852

 23.5318, 0.3320,
0.4542

270.4447, 0.3237,
0.3815

 14.9867, 0.3329,
0.4763

323.8164, 0.3232,
0.3783

 8.8100, 0.3328,
0.5072

383.7849, 0.3227,

 4.6175, 0.3294,

0.3755

0.5529

450.7346, 0.3222,
0.3729

■ 2.0246, 0.3358,
0.6642

■ 0.6217, 0.0000,
1.0000

■ 89.0850, 0.3275,
0.4067

■ 89.0850, 0.3275,
0.4067

■ 85.9840, 0.3318,
0.4377

■ 92.5677, 0.3225,
0.3772

■ 83.2717, 0.3351,
0.4690

■ 96.4700, 0.3172,
0.3498

■ 80.9236, 0.3369,
0.4994

100.0000, 0.3127,
0.3290

■ 78.9208, 0.3369,
0.5271

■ 77.2428, 0.3350,
0.5503

■ 75.8657, 0.3310,
0.5676

■ 74.7593, 0.3256,
0.5788

■ 74.5852, 0.3246,
0.5805

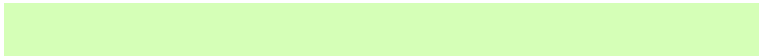
Harmonies

Analogous

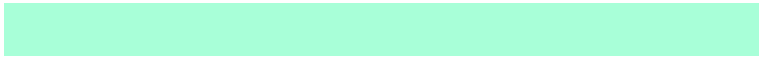
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.0850, 0.3690, 0.4066



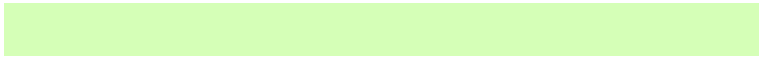
89.0850, 0.3275, 0.4067



89.0850, 0.2838, 0.3808

Triad

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



89.0850, 0.3275, 0.4067



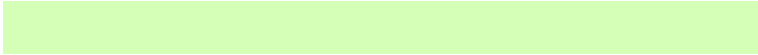
89.0850, 0.2344, 0.2680



89.0850, 0.3789, 0.3155

Complementary

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



89.0850, 0.3275, 0.4067



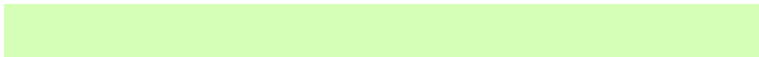
57.1131, 0.2932, 0.2535

Split Complementary

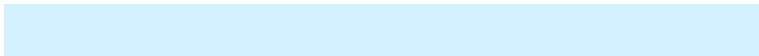
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.0850, 0.3383, 0.2843



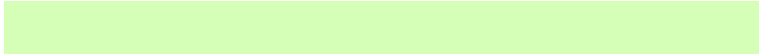
89.0850, 0.3275, 0.4067



89.0850, 0.2558, 0.2571

Square

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



89.0850, 0.3275, 0.4067



89.0850, 0.2322, 0.2965



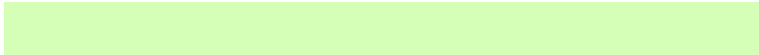
89.0850, 0.2930, 0.2634



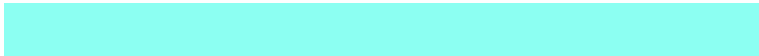
89.0850, 0.4006, 0.3513

Rectangle

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



89.0850, 0.3275, 0.4067



89.0850, 0.2593, 0.3533



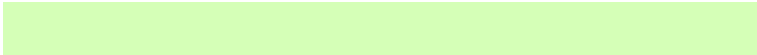
89.0850, 0.2930, 0.2634



89.0850, 0.3668, 0.3043

Sweetspot

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



89.0773, 0.3275, 0.4067



96.5642, 0.3171, 0.3492



78.5338, 0.3633, 0.3719



20.5370, 0.3179, 0.3531



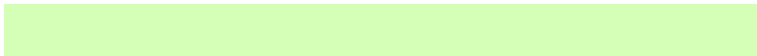
0.0000, 0.0000, 0.0000



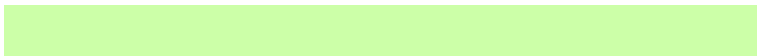
21.4041, 0.3127, 0.3290

Same Dimension

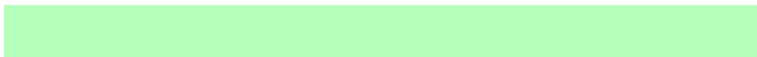
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.0773, 0.3275, 0.4067



87.2446, 0.3301, 0.4244



85.2641, 0.3057, 0.4042



20.5370, 0.3179, 0.3531



39.0551, 0.3258, 0.5795



3.8650, 0.3346, 0.5726

Inverse Universe

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



57.1131, 0.2932, 0.2535



50.3891, 0.2881, 0.2368



61.9735, 0.3205, 0.2639



17.9020, 0.3071, 0.3051



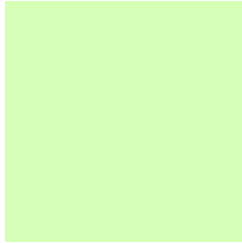
7.2002, 0.2195, 0.0983



0.7652, 0.2307, 0.1044

Previews

White Background



This preview shows how the Yxy color 89.0850, 0.3275, 0.4067 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 89.0850, 0.3275, 0.4067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

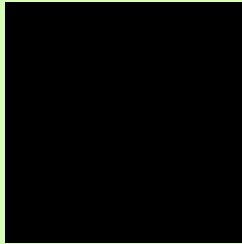
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

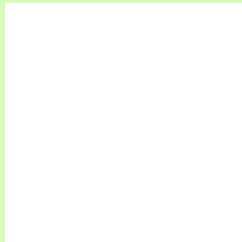
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.0850, 0.3275, 0.4067

Background



This preview shows how black text looks on a background with the Yxy color 89.0850, 0.3275, 0.4067.

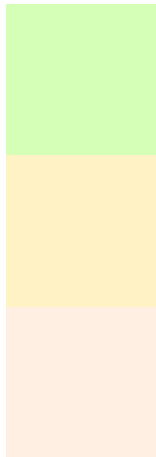


This preview shows how white text looks on a background with the Yxy color 89.0850, 0.3275, 0.4067.

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

89.0850, 0.3275, 0.4067

Protanopia

88.7955, 0.3498, 0.3740

Deuteranopia

88.5391, 0.3310, 0.3409



Tritanopia

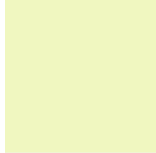
88.4770, 0.2987, 0.3170

Trichromacy



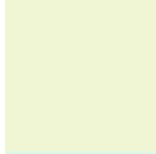
Original Color

89.0850, 0.3275, 0.4067



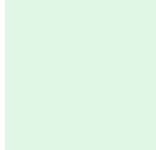
Protanomaly

88.8526, 0.3416, 0.3856



Deuteranomaly

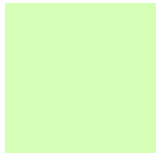
88.5332, 0.3301, 0.3638



Tritanomaly

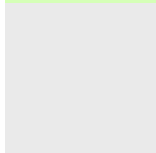
88.1862, 0.3093, 0.3477

Monochromacy



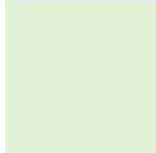
Original Color

89.0850, 0.3275, 0.4067



Achromatopsia

82.2786, 0.3127, 0.3290



Achromatomaly

84.5793, 0.3186, 0.3575

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.0850, 0.3275, 0.4067 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(213, 255, 183)` looks like.

```
.text, #text, p{  
    color:rgb(213, 255, 183)  
}
```

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(213, 255, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 255, 183) }
```

Border

The CSS property to change the border of an element to Yxy 89.0850, 0.3275, 0.4067 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(213, 255, 183) }
```

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

```
.border{ border-color:rgb(213, 255, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 255, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 255, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 255, 183); box-shadow:4px 4px 4px 4px rgb(213, 255, 183) }
```


Background

The CSS property to change the background color of an element to Yxy 89.0850, 0.3275, 0.4067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 255, 183) }
```

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

```
.background{ background-color: rgb(213,  
255, 183) }
```

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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