

Converting Colors

$Yxy(90.2374, 0.3046, 0.3593)$

Have a look what the booklet for
Yxy(90.2374, 0.3046, 0.3593)
contains.

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Color

Yxy(89.9829, 0.3046, 0.3585)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | D6FDE1 |
| RGB | 214, 253, 225 |
| RGB Percent | 84%, 99%, 88% |
| CMY | 0.1606, 0.0079, 0.1177 |
| CMYK | 0.15, 0.00, 0.11, 0.01 |
| HSL | 137°, 91%, 92% |
| HSV | 137°, 15%, 99% |
| XYZ | 76.4541, 89.9829, 84.5613 |
| YIQ | 238.1470, -14.2560, -16.9760 |

Conversions

Conversions Part 2

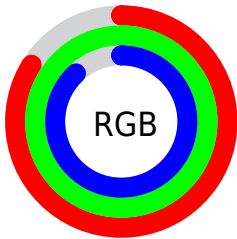
| Format | Color |
|-------------------------------------|--|
| RYB | 214, 244, 253 |
| Decimal | 14089697 |
| CIELab | 95.99, -17.71, 9.25 |
| CIElCh | 96, 19.979, 152.425 |
| Yxy | 89.9829, 0.3046, 0.3585 |
| Android (android.graphics.Color) | 4292279777 (0xFFD6FDE1) |
| YUV | 238.1470, -6.4815, -21.1769 |
| Hunter-Lab | 94.8593, -22.1375, 13.5481 |

Details

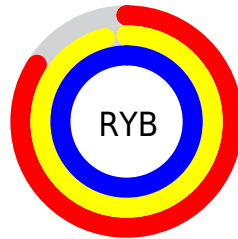
The Yxy color **89.9829, 0.3046, 0.3585** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **75.4099, 0.3219, 0.3012**, and the grayscale version is **85.6860, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.7531, 0.3025, 0.3645** is the 20% darker color. If you saturate the color by 10%, you get **85.5296, 0.2995, 0.3807**, and if you desaturate by 10%, it is **95.1408, 0.3099, 0.3387**.

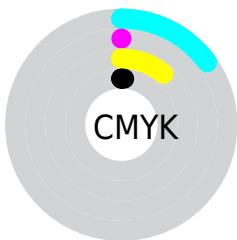
Distribution



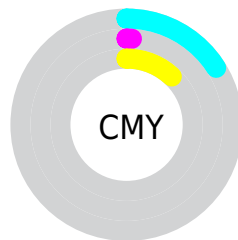
- Red (84%)
- Green (99%)
- Blue (88%)



- Red (84%)
- Yellow (96%)
- Blue (99%)



- Cyan (15%)
- Magenta (0%)
- Yellow (11%)
- Black (1%)





- Cyan (16%)
- Magenta (1%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 89.9829, 0.3046, 0.3585 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 89.9829, 0.3046, 0.3585 by changing the saturation by 10% instead.


 89.9829, 0.3046,
0.3585

 89.9829, 0.3046,
0.3585


527.9752, 0.3084,
0.3451

 67.9665, 0.3037,
0.3615


147.3146, 0.3059,
0.3539

 49.8704, 0.3027,
0.3652


183.3987, 0.3064,
0.3521

 35.3105, 0.3013,
0.3699


224.9408, 0.3069,
0.3505

 23.9021, 0.2996,
0.3759

272.3253, 0.3072,
0.3491

 15.2610, 0.2972,
0.3841

325.9366, 0.3076,
0.3479

 9.0028, 0.2937,
0.3956

386.1591, 0.3079,

 4.7430, 0.2883,

0.3469

0.4131

453.3772, 0.3081,
0.3459

■ 2.0973, 0.2788,
0.4430

■ 0.6631, 0.2114,
0.7081

■ 89.9829, 0.3046,
0.3585

■ 89.9829, 0.3046,
0.3585

■ 85.5296, 0.2995,
0.3807

■ 95.1408, 0.3099,
0.3387

■ 81.7390, 0.2947,
0.4051

■ 98.7290, 0.3128,
0.3271

■ 78.5822, 0.2906,
0.4315

■ 76.0234, 0.2875,
0.4591

■ 74.0234, 0.2856,
0.4870

■ 72.5381, 0.2853,
0.5139

■ 71.5163, 0.2866,
0.5383

■ 70.8957, 0.2894,
0.5590

■ 70.7049, 0.2909,
0.5671

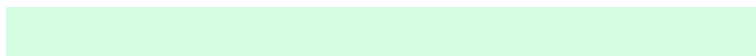
Harmonies

Analogous

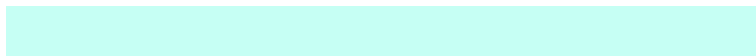
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.9829, 0.3271, 0.3681



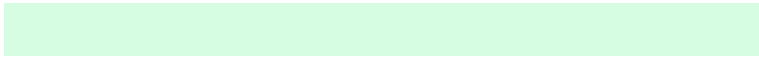
89.9829, 0.3046, 0.3585



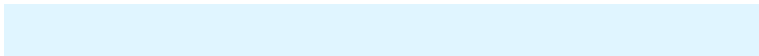
89.9829, 0.2848, 0.3401

Triad

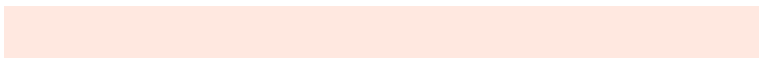
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.9829, 0.3046, 0.3585



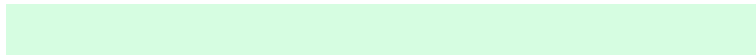
89.9829, 0.2795, 0.2926



89.9829, 0.3546, 0.3366

Complementary

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



89.9829, 0.3046, 0.3585



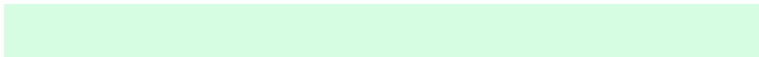
75.4099, 0.3219, 0.3012

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.



89.9829, 0.3410, 0.3177



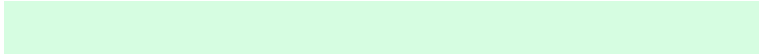
89.9829, 0.3046, 0.3585



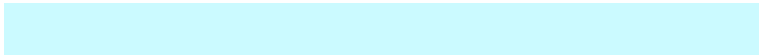
89.9829, 0.2973, 0.2928

Square

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



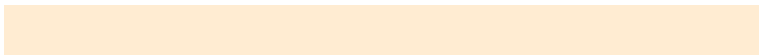
89.9829, 0.3046, 0.3585



89.9829, 0.2707, 0.3018



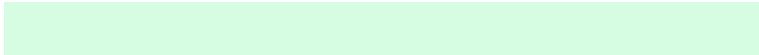
89.9829, 0.3197, 0.3019



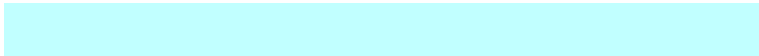
89.9829, 0.3565, 0.3544

Rectangle

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



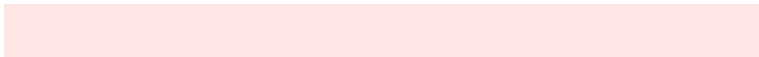
89.9829, 0.3046, 0.3585



89.9829, 0.2755, 0.3259



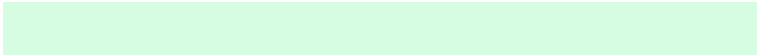
89.9829, 0.3197, 0.3019



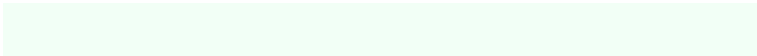
89.9829, 0.3512, 0.3302

Sweetspot

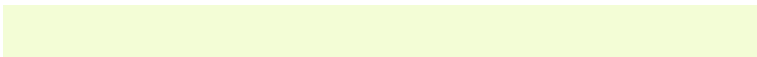
The Sweet Spot groups the original color and five complimentary colors.



89.9867, 0.3046, 0.3585



97.0850, 0.3101, 0.3380



94.0913, 0.3291, 0.3682



20.6957, 0.3097, 0.3393



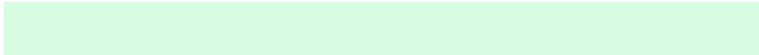
0.0000, 0.0000, 0.0000



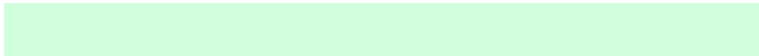
21.4041, 0.3127, 0.3290

Same Dimension

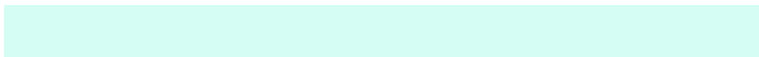
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.9867, 0.3046, 0.3585



90.3636, 0.3032, 0.3641



91.0773, 0.2942, 0.3383



20.2520, 0.3077, 0.3466



37.6346, 0.2901, 0.5644



3.6820, 0.2840, 0.5425

Inverse Universe

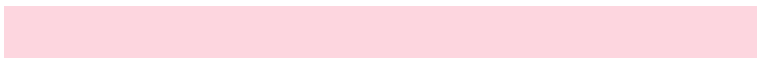
The Inverse Universe completely reimagines the original color for something new.



75.4099, 0.3219, 0.3012



73.3271, 0.3237, 0.2963



74.3307, 0.3352, 0.3199



18.2082, 0.3181, 0.3121



12.9299, 0.4077, 0.2020



1.2776, 0.3955, 0.1952

Previews

White Background



This preview shows how the Yxy color 89.9829, 0.3046, 0.3585 looks on a white background.

Color Contrast Check

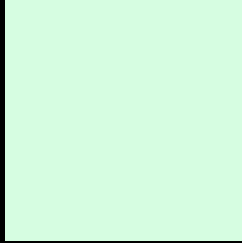
Large Text (above 18pt) WCAG AA × Fail

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 89.9829, 0.3046, 0.3585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

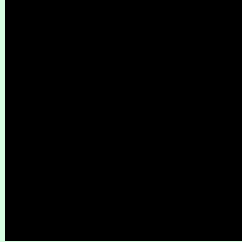
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

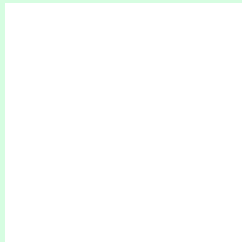
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.9829, 0.3046, 0.3585

Background



This preview shows how black text looks on a background with the Yxy color 89.9829, 0.3046, 0.3585.

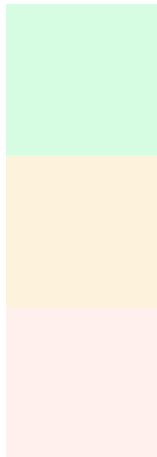


This preview shows how white text looks on a background with the Yxy color 89.9829, 0.3046, 0.3585.

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

89.9829, 0.3046, 0.3585

Protanopia

89.5014, 0.3344, 0.3519

Deuteranopia

89.6946, 0.3245, 0.3320



Tritanopia

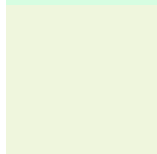
89.8485, 0.2993, 0.3190

Trichromacy



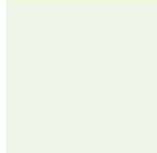
Original Color

89.9829, 0.3046, 0.3585



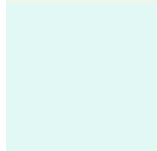
Protanomaly

89.4827, 0.3232, 0.3544



Deuteranomaly

89.7133, 0.3167, 0.3411



Tritanomaly

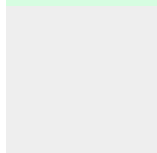
89.8352, 0.3013, 0.3330

Monochromacy



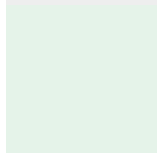
Original Color

89.9829, 0.3046, 0.3585



Achromatopsia

85.4993, 0.3127, 0.3290



Achromatomaly

86.6424, 0.3096, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.9829, 0.3046, 0.3585 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(214, 253, 225)` looks like.

```
.text, #text, p{  
    color:rgb(214, 253, 225)  
}
```

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(214, 253, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 253, 225) }
```

Border

The CSS property to change the border of an element to Yxy 89.9829, 0.3046, 0.3585 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(214, 253, 225) }
```

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

```
.border{ border-color:rgb(214, 253, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 253, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 253, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 253, 225);  
box-shadow:4px 4px 4px 4px rgb(214, 253,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 89.9829, 0.3046, 0.3585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 253, 225) }
```

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

```
.background{ background-color: rgb(214,  
253, 225) }
```

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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