

Converting Colors

$Yxy(85.4809, 0.3070, 0.3676)$

Have a look what the booklet for
Yxy(85.4809, 0.3070, 0.3676)
contains.

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Color

Yxy(85.8209, 0.3071, 0.3680)

Conversions

Conversions Part 1

Format	Color
Hex	CFF9D5
RGB	207, 249, 213
RGB Percent	81%, 98%, 84%
CMY	0.1883, 0.0235, 0.1645
CMYK	0.17, 0.00, 0.14, 0.02
HSL	129°, 78%, 89%
HSV	129°, 17%, 98%
XYZ	71.6185, 85.8209, 75.7696
YIQ	232.3380, -13.4760, -20.1000

Conversions

Conversions Part 2

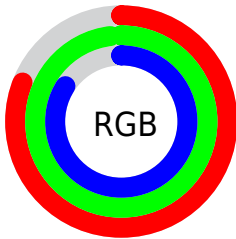
Format	Color
R _Y B	207, 244, 249
Decimal	13629909
CIE Lab	94.24, -20.17, 12.83
CIE LCh	94, 23.902, 147.536
Yxy	85.8209, 0.3071, 0.3680
Android (android.graphics.Color)	4291819989 (0xFFCFF9D5)
YUV	232.3380, -9.5336, -22.2214
Hunter-Lab	92.6396, -24.1232, 16.3546

Details

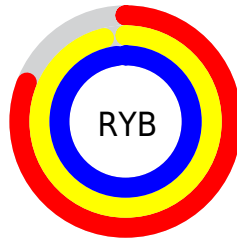
The Yxy color **85.8209, 0.3071, 0.3680** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **71.2258, 0.3189, 0.2929**, and the grayscale version is **81.0447, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.8433, 0.3057, 0.3772** is the 20% darker color. If you saturate the color by 10%, you get **81.5044, 0.3038, 0.3950**, and if you desaturate by 10%, it is **90.8524, 0.3105, 0.3439**.

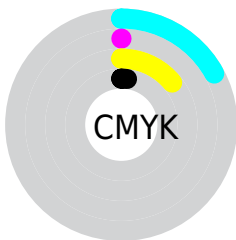
Distribution



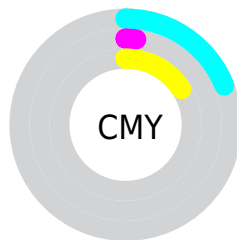
- Red (81%)
- Green (98%)
- Blue (84%)



- Red (81%)
- Yellow (96%)
- Blue (98%)



- Cyan (17%)
- Magenta (0%)
- Yellow (14%)
- Black (2%)





- Cyan (19%)
- Magenta (2%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.8209, 0.3071, 0.3680 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 85.8209, 0.3071, 0.3680 by changing the saturation by 10% instead.


 85.8209, 0.3071,
0.3680

 85.8209, 0.3071,
0.3680

514.3405, 0.3099,
0.3500

 64.5199, 0.3064,
0.3721


141.5195, 0.3081,
0.3618

 47.0719, 0.3056,
0.3772


176.6859, 0.3085,
0.3593

 33.0925, 0.3045,
0.3836


217.2429, 0.3088,
0.3572

 22.1973, 0.3030,
0.3920

263.5749, 0.3091,
0.3554

 14.0019, 0.3008,
0.4034

316.0662, 0.3093,
0.3538

 8.1220, 0.2976,
0.4198

375.1014, 0.3095,

 4.1731, 0.2921,

0.3524

0.4453

441.0646, 0.3097,
0.3511

■ 1.7709, 0.2819,
0.4910

■ 0.4689, 0.0000,
1.0000

■ 85.8209, 0.3071,
0.3680

■ 85.8209, 0.3071,
0.3680

■ 81.5044, 0.3038,
0.3950

■ 90.8524, 0.3105,
0.3439

■ 77.8601, 0.3006,
0.4247

■ 96.2353, 0.3130,
0.3233

■ 74.8572, 0.2978,
0.4562

■ 72.4582, 0.2957,
0.4884

■ 70.6218, 0.2944,
0.5195

■ 69.3012, 0.2942,
0.5474

■ 68.4422, 0.2951,
0.5702

■ 67.9768, 0.2968,
0.5863

■ 67.8822, 0.2972,
0.5901

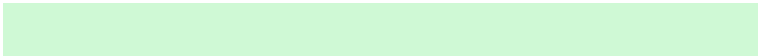
Harmonies

Analogous

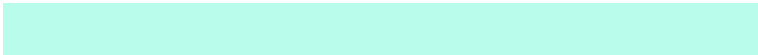
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.8209, 0.3343, 0.3774



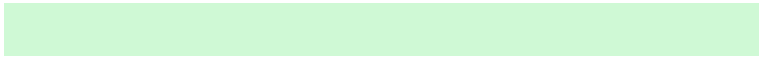
85.8209, 0.3071, 0.3680



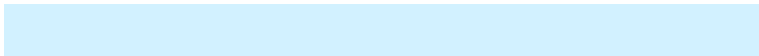
85.8209, 0.2822, 0.3466

Triad

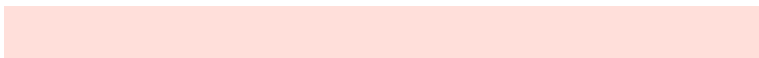
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.8209, 0.3071, 0.3680



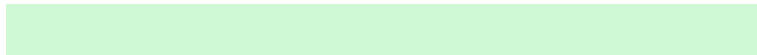
85.8209, 0.2700, 0.2859



85.8209, 0.3620, 0.3341

Complementary

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



85.8209, 0.3071, 0.3680



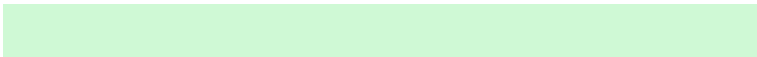
71.2258, 0.3189, 0.2929

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.



85.8209, 0.3433, 0.3118



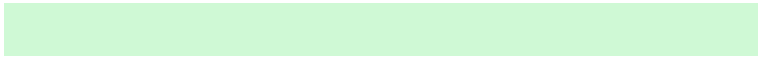
85.8209, 0.3071, 0.3680



85.8209, 0.2898, 0.2846

Square

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



85.8209, 0.3071, 0.3680



85.8209, 0.2614, 0.2986



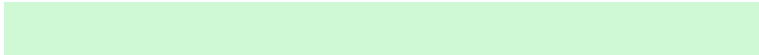
85.8209, 0.3166, 0.2940



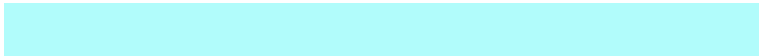
85.8209, 0.3667, 0.3562

Rectangle

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



85.8209, 0.3071, 0.3680



85.8209, 0.2700, 0.3292



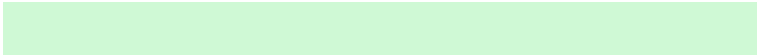
85.8209, 0.3166, 0.2940



85.8209, 0.3571, 0.3264

Sweetspot

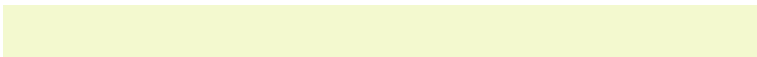
The Sweet Spot groups the original color and five complimentary colors.



85.8245, 0.3071, 0.3680



96.9786, 0.3111, 0.3397



91.3859, 0.3344, 0.3716



20.6699, 0.3108, 0.3413



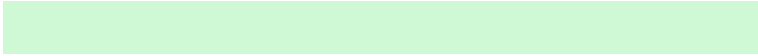
0.0000, 0.0000, 0.0000



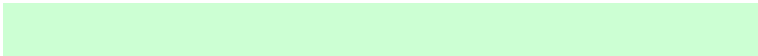
21.4041, 0.3127, 0.3290

Same Dimension

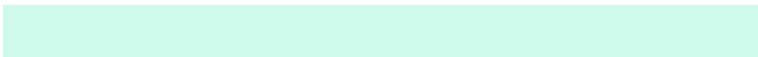
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.8245, 0.3071, 0.3680



89.0784, 0.3060, 0.3762



86.9356, 0.2955, 0.3453



19.3500, 0.3096, 0.3499



36.3464, 0.2968, 0.5883



3.3782, 0.2918, 0.5706

Inverse Universe

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



71.2258, 0.3189, 0.2929



71.2009, 0.3202, 0.2860



70.0530, 0.3336, 0.3132



17.4790, 0.3160, 0.3089



13.3706, 0.3611, 0.1763



1.2498, 0.3556, 0.1732

Previews

White Background



This preview shows how the Yxy color 85.8209, 0.3071, 0.3680 looks on a white background.

Color Contrast Check

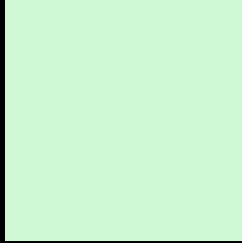
Large Text (above 18pt) WCAG AA × Fail

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 85.8209, 0.3071, 0.3680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

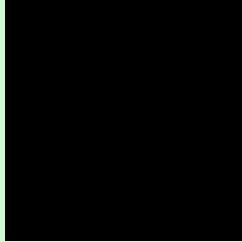
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

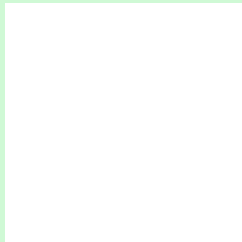
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.8209, 0.3071, 0.3680

Background



This preview shows how black text looks on a background with the Yxy color 85.8209, 0.3071, 0.3680.

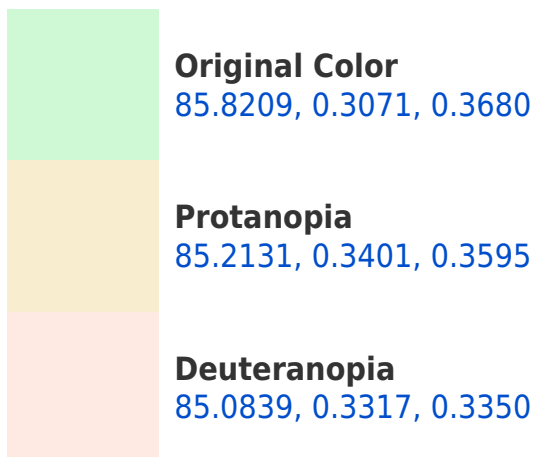


This preview shows how white text looks on a background with the Yxy color 85.8209, 0.3071, 0.3680.

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





Tritanopia

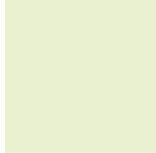
85.6602, 0.2925, 0.3147

Trichromacy



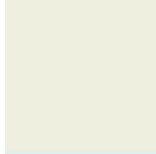
Original Color

85.8209, 0.3071, 0.3680



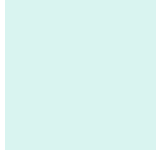
Protanomaly

85.0065, 0.3278, 0.3624



Deuteranomaly

85.1841, 0.3226, 0.3465



Tritanomaly

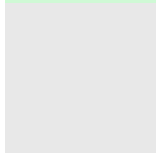
85.7444, 0.2980, 0.3331

Monochromacy



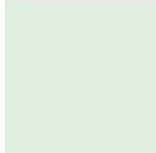
Original Color

85.8209, 0.3071, 0.3680



Achromatopsia

80.6952, 0.3127, 0.3290



Achromatomaly

82.2733, 0.3108, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.8209, 0.3071, 0.3680 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(207, 249, 213)` looks like.

```
.text, #text, p{  
    color:rgb(207, 249, 213)  
}
```

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(207, 249, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 249, 213) }
```

Border

The CSS property to change the border of an element to Yxy 85.8209, 0.3071, 0.3680 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(207, 249, 213) }
```

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

```
.border{ border-color:rgb(207, 249, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 249, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 249, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 249, 213);  
box-shadow:4px 4px 4px 4px rgb(207, 249,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 85.8209, 0.3071, 0.3680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 249, 213) }
```

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

```
.background{ background-color: rgb(207,  
249, 213) }
```

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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