

Converting Colors

$Yxy(82.0932, 0.3087, 0.3818)$

Have a look what the booklet for
Yxy(82.0932, 0.3087, 0.3818)
contains.

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Color

Yxy(81.9054, 0.3090, 0.3818)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | C5F6C7 |
| RGB | 197, 246, 199 |
| RGB Percent | 77%, 96%, 78% |
| CMY | 0.2274, 0.0353, 0.2197 |
| CMYK | 0.20, 0.00, 0.19, 0.04 |
| HSL | 122°, 73%, 87% |
| HSV | 122°, 20%, 96% |
| XYZ | 66.2880, 81.9054, 66.3309 |
| YIQ | 225.9910, -14.1170, -25.0050 |

Conversions

Conversions Part 2

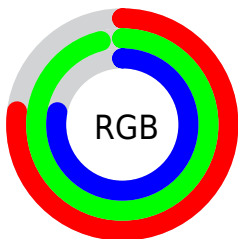
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 197, 244, 246 |
| Decimal | 12973767 |
| CIELab | 92.53, -24.41, 17.58 |
| CIElCh | 93, 30.082, 144.233 |
| Yxy | 81.9054, 0.3090, 0.3818 |
| Android (android.graphics.Color) | 4291163847 (0xFFC5F6C7) |
| YUV | 225.9910, -13.3066, -25.4251 |
| Hunter-Lab | 90.5016, -27.6352, 19.8960 |

Details

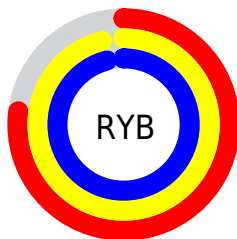
The Yxy color **81.9054, 0.3090, 0.3818** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **66.0615, 0.3165, 0.2813**, and the grayscale version is **76.1529, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **44.6220, 0.3072, 0.3953** is the 20% darker color. If you saturate the color by 10%, you get **77.8415, 0.3070, 0.4132**, and if you desaturate by 10%, it is **86.6883, 0.3109, 0.3536**.

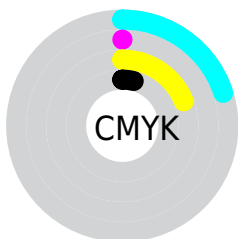
Distribution



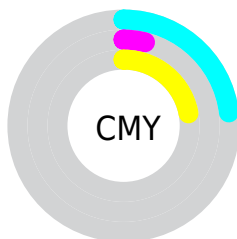
- Red (77%)
- Green (96%)
- Blue (78%)



- Red (77%)
- Yellow (96%)
- Blue (96%)



- Cyan (20%)
- Magenta (0%)
- Yellow (19%)
- Black (4%)





- Cyan (23%)
- Magenta (4%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.9054, 0.3090, 0.3818 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 81.9054, 0.3090, 0.3818 by changing the saturation by 10% instead.

 81.9054, 0.3090,
0.3818

 81.9054, 0.3090,
0.3818


501.3312, 0.3111,
0.3570

 61.2876, 0.3084,
0.3875


136.0413, 0.3098,
0.3731

 44.4573, 0.3076,
0.3947


170.3282, 0.3101,
0.3698

 31.0302, 0.3066,
0.4038


209.9402, 0.3104,
0.3669

 20.6218, 0.3051,
0.4157

255.2618, 0.3106,
0.3644

 12.8478, 0.3028,
0.4322

306.6773, 0.3107,
0.3622

 7.3239, 0.2989,
0.4563

364.5711, 0.3109,

 3.6655, 0.2917,

0.3603

429.3276, 0.3110,
0.3586

0.4943

1.4882, 0.2900,
0.5970

0.2804, 0.0000,
1.0000

81.9054, 0.3090,
0.3818

81.9054, 0.3090,
0.3818

77.8415, 0.3070,
0.4132

86.6883, 0.3109,
0.3536

74.4522, 0.3049,
0.4471

92.2115, 0.3127,
0.3288

71.7039, 0.3030,
0.4822

94.3960, 0.3131,
0.3204

69.5564, 0.3014,
0.5165

■ 67.9646, 0.3001,
0.5474

■ 66.8774, 0.2995,
0.5724

■ 66.2338, 0.2993,
0.5894

■ 65.9394, 0.2995,
0.5982

■ 65.9377, 0.2995,
0.5982

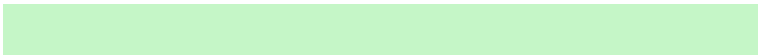
Harmonies

Analogous

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



81.9054, 0.3435, 0.3916



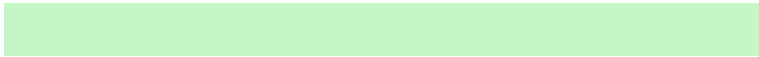
81.9054, 0.3090, 0.3818



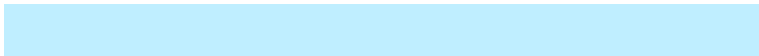
81.9054, 0.2768, 0.3551

Triad

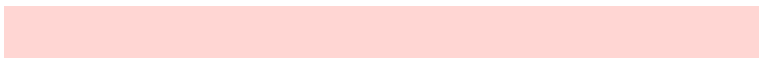
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.9054, 0.3090, 0.3818



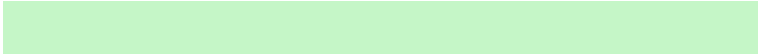
81.9054, 0.2567, 0.2754



81.9054, 0.3740, 0.3317

Complementary

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



81.9054, 0.3090, 0.3818



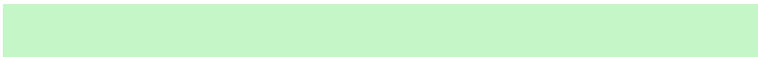
66.0615, 0.3165, 0.2813

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.



81.9054, 0.3483, 0.3042



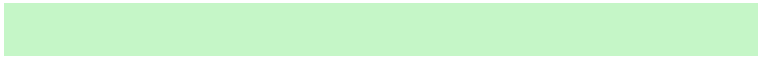
81.9054, 0.3090, 0.3818



81.9054, 0.2801, 0.2726

Square

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



81.9054, 0.3090, 0.3818



81.9054, 0.2477, 0.2924



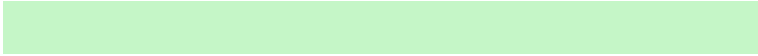
81.9054, 0.3134, 0.2831



81.9054, 0.3822, 0.3600

Rectangle

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



81.9054, 0.3090, 0.3818



81.9054, 0.2606, 0.3326



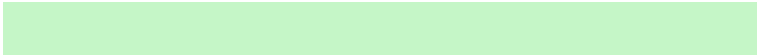
81.9054, 0.3134, 0.2831



81.9054, 0.3671, 0.3221

Sweetspot

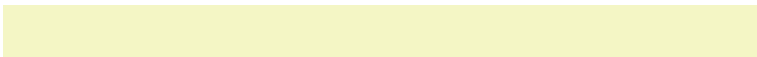
The Sweet Spot groups the original color and five complimentary colors.



81.9089, 0.3090, 0.3818



96.3028, 0.3117, 0.3435



89.2473, 0.3417, 0.3789



20.5305, 0.3115, 0.3452



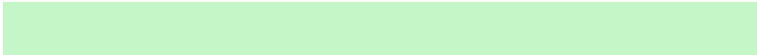
0.0000, 0.0000, 0.0000



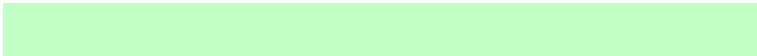
21.4041, 0.3127, 0.3290

Same Dimension

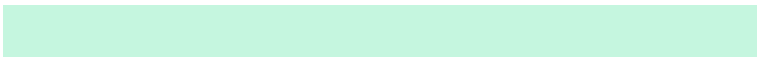
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.9089, 0.3090, 0.3818



86.9603, 0.3082, 0.3944



83.1218, 0.2953, 0.3541



18.4828, 0.3110, 0.3525



35.1975, 0.2993, 0.5975



3.0972, 0.2975, 0.5911

Inverse Universe

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



66.0615, 0.3165, 0.2813



66.8171, 0.3173, 0.2713



64.6881, 0.3344, 0.3052



16.7561, 0.3144, 0.3066



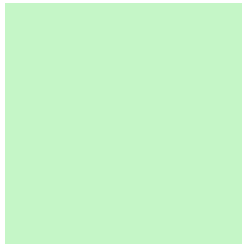
13.6989, 0.3312, 0.1598



1.2075, 0.3298, 0.1591

Previews

White Background



This preview shows how the Yxy color 81.9054, 0.3090, 0.3818 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 81.9054, 0.3090, 0.3818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

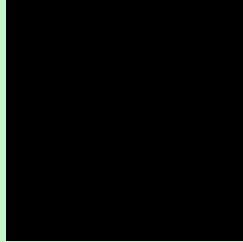
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

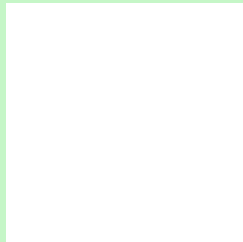
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.9054, 0.3090, 0.3818

Background



This preview shows how black text looks on a background with the Yxy color 81.9054, 0.3090, 0.3818.

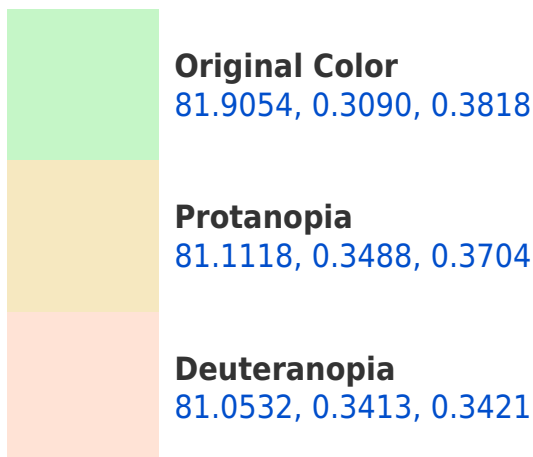


This preview shows how white text looks on a background with the Yxy color 81.9054, 0.3090, 0.3818.

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

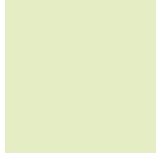
81.9244, 0.2845, 0.3111

Trichromacy



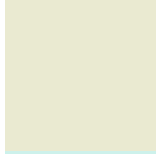
Original Color

81.9054, 0.3090, 0.3818



Protanomaly

81.0025, 0.3330, 0.3740



Deuteranomaly

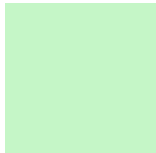
80.9415, 0.3286, 0.3553



Tritanomaly

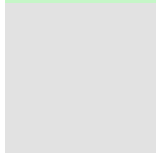
81.8879, 0.2934, 0.3354

Monochromacy



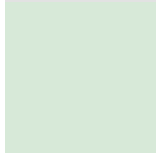
Original Color

81.9054, 0.3090, 0.3818



Achromatopsia

76.0525, 0.3127, 0.3290



Achromatomaly

77.6828, 0.3112, 0.3475

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.9054, 0.3090, 0.3818 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(197, 246, 199)` looks like.

```
.text, #text, p{  
    color:rgb(197, 246, 199)  
}
```

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(197, 246, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 246, 199) }
```

Border

The CSS property to change the border of an element to Yxy 81.9054, 0.3090, 0.3818 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(197, 246, 199) }
```

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

```
.border{ border-color:rgb(197, 246, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 246, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 246, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 246, 199); box-shadow:4px 4px 4px 4px rgb(197, 246, 199) }
```


Background

The CSS property to change the background color of an element to Yxy 81.9054, 0.3090, 0.3818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 246, 199) }
```

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

```
.background{ background-color: rgb(197,  
246, 199) }
```

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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