

Converting Colors

Yxy(84.9998, 0.3098, 0.3586)

Have a look what the booklet for
Yxy(84.9998, 0.3098, 0.3586)
contains.

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Color

Yxy(84.8138, 0.3094, 0.3579)

Conversions

Conversions Part 1

Format	Color
Hex	D7F5DA
RGB	215, 245, 218
RGB Percent	84%, 96%, 85%
CMY	0.1571, 0.0391, 0.1451
CMYK	0.12, 0.00, 0.11, 0.04
HSL	126°, 60%, 90%
HSV	126°, 12%, 96%
XYZ	73.3205, 84.8138, 78.8420
YIQ	232.9520, -9.2130, -14.7570

Conversions

Conversions Part 2

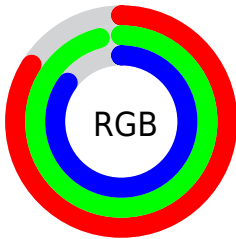
Format	Color
R _Y B	215, 242, 245
Decimal	14153178
CIE Lab	93.80, -14.73, 9.72
CIE LCh	94, 17.644, 146.573
Yxy	84.8138, 0.3094, 0.3579
Android (android.graphics.Color)	4292343258 (0xFFD7F5DA)
YUV	232.9520, -7.3713, -15.7439
Hunter-Lab	92.0944, -19.0534, 13.7079

Details

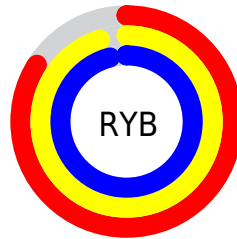
The Yxy color **84.8138, 0.3094, 0.3579** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **74.3973, 0.3162, 0.3017**, and the grayscale version is **81.5052, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.5131, 0.3086, 0.3652** is the 20% darker color. If you saturate the color by 10%, you get **80.3062, 0.3066, 0.3849**, and if you desaturate by 10%, it is **90.0370, 0.3121, 0.3340**.

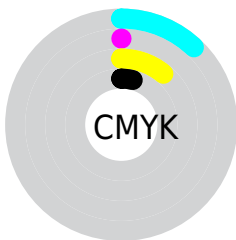
Distribution



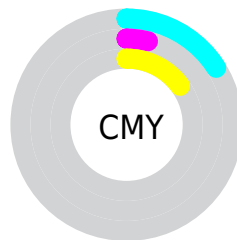
- Red (84%)
- Green (96%)
- Blue (85%)



- Red (84%)
- Yellow (95%)
- Blue (96%)



- Cyan (12%)
- Magenta (0%)
- Yellow (11%)
- Black (4%)





- Cyan (16%)
- Magenta (4%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.8138, 0.3094, 0.3579 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 84.8138, 0.3094, 0.3579 by changing the saturation by 10% instead.

 84.8138, 0.3094,
0.3579

 84.8138, 0.3094,
0.3579


511.0117, 0.3110,
0.3446

 63.6875, 0.3090,
0.3609

140.1130, 0.3100,
0.3533

 46.3976, 0.3085,
0.3646


175.0547, 0.3102,
0.3515

 32.5597, 0.3079,
0.3693


215.3704, 0.3104,
0.3500

 21.7894, 0.3070,
0.3755

261.4444, 0.3106,
0.3486

 13.7022, 0.3058,
0.3838

313.6612, 0.3107,
0.3474

 7.9139, 0.3039,
0.3957

372.4050, 0.3108,

 4.0399, 0.3007,

0.3464

0.4141

438.0604, 0.3109,
0.3455

■ 1.6959, 0.2945,
0.4464

■ 0.4210, 0.0881,
0.9119

■ 84.8138, 0.3094,
0.3579

■ 84.8138, 0.3094,
0.3579

■ 80.3062, 0.3066,
0.3849

■ 90.0370, 0.3121,
0.3340

■ 76.4728, 0.3039,
0.4149

■ 93.7960, 0.3132,
0.3195

■ 73.2843, 0.3013,
0.4471

■ 70.7051, 0.2991,
0.4805

■ 68.6963, 0.2975,
0.5132

■ 67.2142, 0.2967,
0.5431

■ 66.2089, 0.2967,
0.5678

■ 65.6207, 0.2975,
0.5856

■ 65.3860, 0.2984,
0.5943

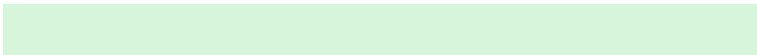
Harmonies

Analogous

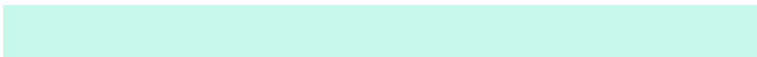
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.8138, 0.3295, 0.3647



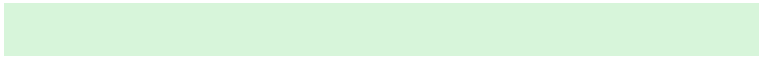
84.8138, 0.3094, 0.3579



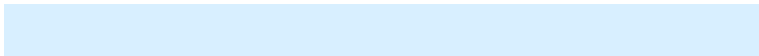
84.8138, 0.2906, 0.3426

Triad

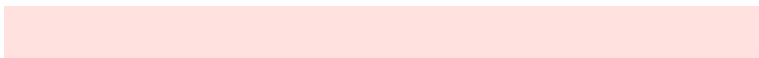
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.8138, 0.3094, 0.3579



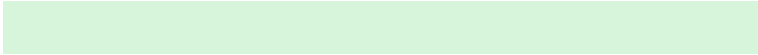
84.8138, 0.2805, 0.2971



84.8138, 0.3488, 0.3326

Complementary

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



84.8138, 0.3094, 0.3579



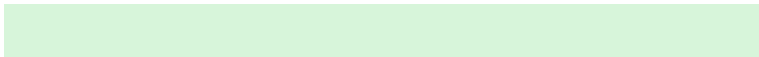
74.3973, 0.3162, 0.3017

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.



84.8138, 0.3348, 0.3157



84.8138, 0.3094, 0.3579



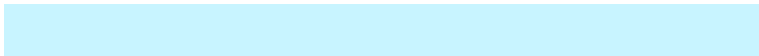
84.8138, 0.2952, 0.2956

Square

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



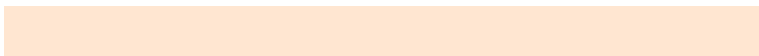
84.8138, 0.3094, 0.3579



84.8138, 0.2743, 0.3071



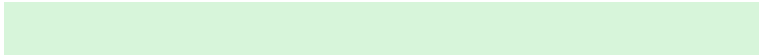
84.8138, 0.3151, 0.3024



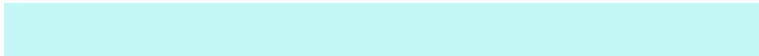
84.8138, 0.3527, 0.3491

Rectangle

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



84.8138, 0.3094, 0.3579



84.8138, 0.2812, 0.3300



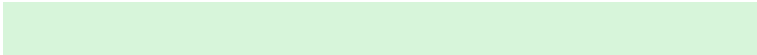
84.8138, 0.3151, 0.3024



84.8138, 0.3451, 0.3268

Sweetspot

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



84.8174, 0.3094, 0.3579



97.5405, 0.3117, 0.3379



89.0987, 0.3291, 0.3596



20.7818, 0.3115, 0.3397



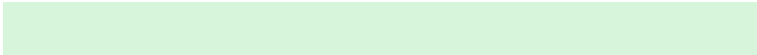
0.0000, 0.0000, 0.0000



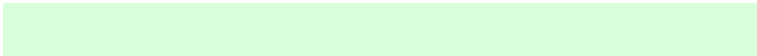
21.4041, 0.3127, 0.3290

Same Dimension

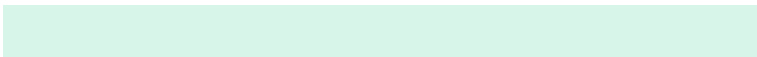
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.8174, 0.3094, 0.3579



91.4351, 0.3086, 0.3650



85.6375, 0.3007, 0.3417



18.4995, 0.3102, 0.3509



35.2280, 0.2980, 0.5929



3.1052, 0.2939, 0.5781

Inverse Universe

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



74.3973, 0.3162, 0.3017



77.7284, 0.3171, 0.2954



73.5339, 0.3265, 0.3167



16.7375, 0.3154, 0.3080



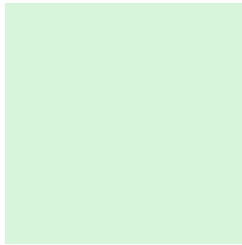
13.2546, 0.3484, 0.1693



1.1732, 0.3445, 0.1671

Previews

White Background



This preview shows how the Yxy color 84.8138, 0.3094, 0.3579 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 84.8138, 0.3094, 0.3579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

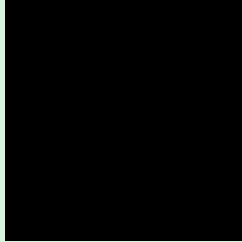
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

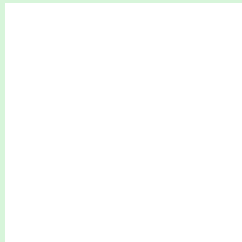
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.8138, 0.3094, 0.3579

Background



This preview shows how black text looks on a background with the Yxy color 84.8138, 0.3094, 0.3579.

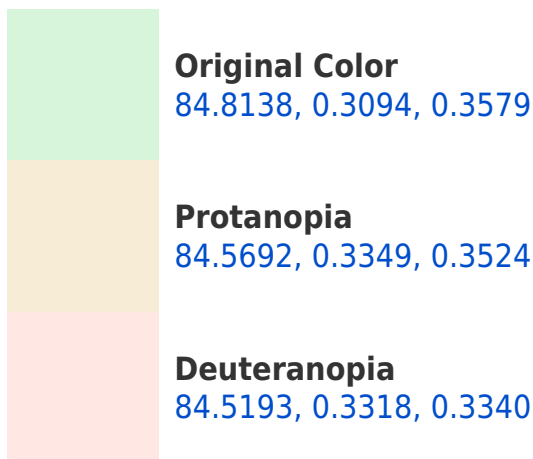


This preview shows how white text looks on a background with the Yxy color 84.8138, 0.3094, 0.3579.

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

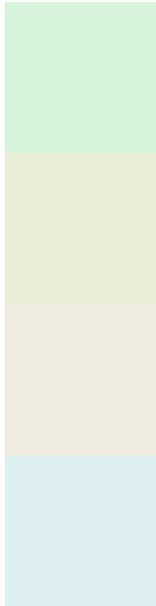




Tritanopia

84.8003, 0.2937, 0.3126

Trichromacy



Original Color

84.8138, 0.3094, 0.3579

Protanomaly

84.3015, 0.3249, 0.3539

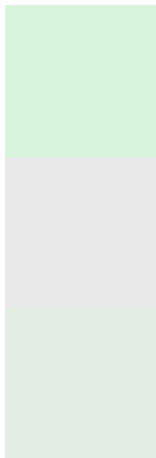
Deuteranomaly

84.4755, 0.3229, 0.3423

Tritanomaly

84.6936, 0.2993, 0.3279

Monochromacy



Original Color

84.8138, 0.3094, 0.3579

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

82.3386, 0.3109, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.8138, 0.3094, 0.3579 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(215, 245, 218)` looks like.

```
.text, #text, p{  
    color:rgb(215, 245, 218)  
}
```

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(215, 245, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 245, 218) }
```

Border

The CSS property to change the border of an element to Yxy 84.8138, 0.3094, 0.3579 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(215, 245, 218) }
```

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

```
.border{ border-color:rgb(215, 245, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 245, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 245, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 245, 218);  
box-shadow:4px 4px 4px 4px rgb(215, 245,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 84.8138, 0.3094, 0.3579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 245, 218) }
```

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

```
.background{ background-color: rgb(215,  
245, 218) }
```

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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