

Converting Colors

Yxy(84.4126, 0.3291, 0.4114)

Have a look what the booklet for
Yxy(84.4126, 0.3291, 0.4114)
contains.

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Color

Yxy(84.1119, 0.3290, 0.4109)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | CFF9AF |
| RGB | 207, 249, 175 |
| RGB Percent | 81%, 98%, 69% |
| CMY | 0.1882, 0.0235, 0.3137 |
| CMYK | 0.17, 0.00, 0.30, 0.02 |
| HSL | 94°, 86%, 83% |
| HSV | 94°, 30%, 98% |
| XYZ | 67.3468, 84.1119, 53.2429 |
| YIQ | 228.0060, -1.2780, -31.9180 |

Conversions

Conversions Part 2

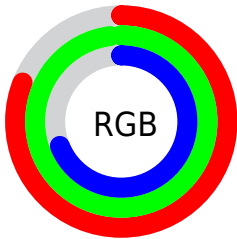
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 175, 249, 217 |
| Decimal | 13629871 |
| CIELab | 93.50, -26.22, 31.23 |
| CIELCh | 93, 40.776, 130.025 |
| Yxy | 84.1119, 0.3290, 0.4109 |
| Android (android.graphics.Color) | 4291819951 (0xFFCFF9AF) |
| YUV | 228.0060, -26.1320, -18.4223 |
| Hunter-Lab | 91.7125, -29.4199, 29.7785 |

Details

The Yxy color **84.1119, 0.3290, 0.4109** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **52.2522, 0.2910, 0.2491**, and the grayscale version is **77.7860, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5495, 0.3268, 0.3522**, and **45.7798, 0.3316, 0.4299** is the 20% darker color. If you saturate the color by 10%, you get **81.2803, 0.3335, 0.4418**, and if you desaturate by 10%, it is **87.3134, 0.3238, 0.3813**.

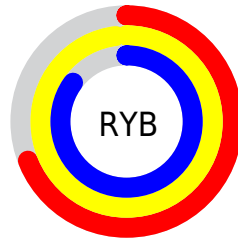
Distribution



Red (81%)

Green (98%)

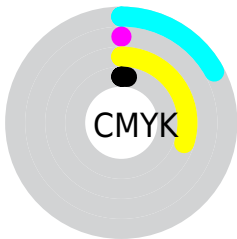
Blue (69%)



Red (69%)

Yellow (98%)

Blue (85%)

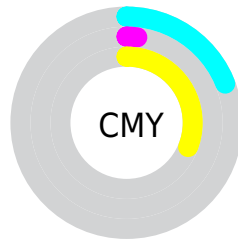


Cyan (17%)

Magenta (0%)

Yellow (30%)

Black (2%)



Cyan (19%)


Magenta (2%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.1119, 0.3290, 0.4109 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 84.1119, 0.3290, 0.4109 by changing the saturation by 10% instead.


 84.1119, 0.3290,
0.4109

 84.1119, 0.3290,
0.4109


508.6848, 0.3226,
0.3725

 63.1078, 0.3301,
0.4197


 139.1317, 0.3270,
0.3975

 45.9284, 0.3314,
0.4306

173.9162, 0.3262,
0.3923

 32.1894, 0.3327,
0.4445


214.0630, 0.3255,
0.3879

 21.5062, 0.3339,
0.4625

259.9564, 0.3248,
0.3840

 13.4945, 0.3348,
0.4868

311.9809, 0.3242,
0.3806

 7.7699, 0.3342,
0.5211


370.5209, 0.3236,


 3.9481, 0.3307,


0.3776


0.5747


435.9607, 0.3231,
0.3749


 1.6446, 0.3218,
0.6782


 0.3874, 0.0000,
1.0000


 84.1119, 0.3290,
0.4109


 84.1119, 0.3290,
0.4109


 81.2803, 0.3335,
0.4418


 87.3134, 0.3238,
0.3813


 78.7930, 0.3368,
0.4728

 90.8876, 0.3182,
0.3536

 76.6377, 0.3386,
0.5026

 94.8510, 0.3126,
0.3283

 74.7972, 0.3386,
0.5295

 96.2340, 0.3130,
0.3233

■ 73.2521, 0.3364,
0.5517

■ 71.9803, 0.3323,
0.5680

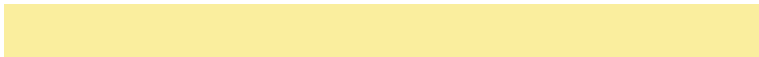
■ 70.9491, 0.3268,
0.5786

■ 70.9227, 0.3267,
0.5788

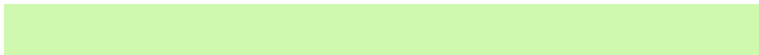
Harmonies

Analogous

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



84.1119, 0.3723, 0.4099



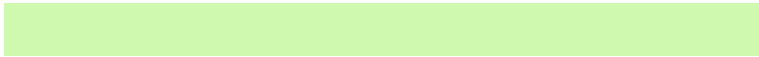
84.1119, 0.3290, 0.4109



84.1119, 0.2833, 0.3843

Triad

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



84.1119, 0.3290, 0.4109



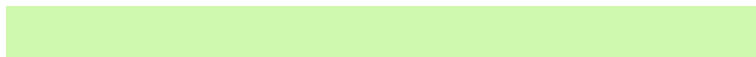
84.1119, 0.2308, 0.2656



84.1119, 0.3813, 0.3140

Complementary

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



84.1119, 0.3290, 0.4109



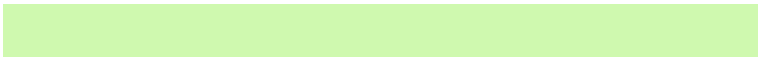
52.2522, 0.2910, 0.2491

Split Complementary

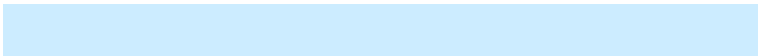
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.1119, 0.3385, 0.2817



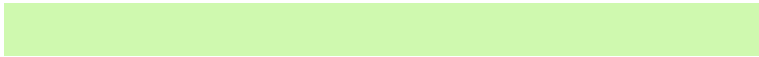
84.1119, 0.3290, 0.4109



84.1119, 0.2526, 0.2541

Square

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



84.1119, 0.3290, 0.4109



84.1119, 0.2288, 0.2956



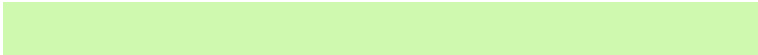
84.1119, 0.2910, 0.2603



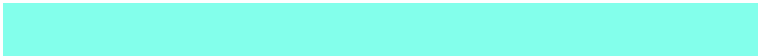
84.1119, 0.4046, 0.3512

Rectangle

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



84.1119, 0.3290, 0.4109



84.1119, 0.2576, 0.3554



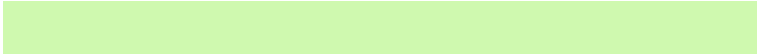
84.1119, 0.2910, 0.2603



84.1119, 0.3685, 0.3024

Sweetspot

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



84.1156, 0.3290, 0.4109



96.2219, 0.3178, 0.3518



72.8288, 0.3667, 0.3730



20.4715, 0.3187, 0.3556



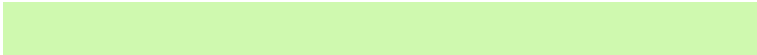
0.0000, 0.0000, 0.0000



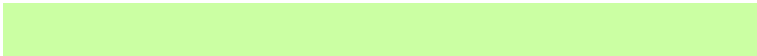
21.4041, 0.3127, 0.3290

Same Dimension

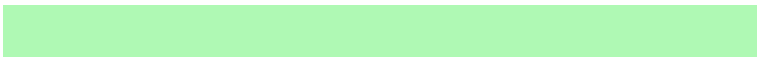
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.1156, 0.3290, 0.4109



86.8542, 0.3319, 0.4303



80.1608, 0.3060, 0.4102



19.6763, 0.3181, 0.3531



38.0426, 0.3278, 0.5779



3.5847, 0.3370, 0.5706

Inverse Universe

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



52.2522, 0.2910, 0.2491



47.9777, 0.2850, 0.2306



57.3372, 0.3200, 0.2594



17.1291, 0.3068, 0.3051



6.7926, 0.2160, 0.0963



0.6917, 0.2280, 0.1029

Previews

White Background



This preview shows how the Yxy color 84.1119, 0.3290, 0.4109 looks on a white background.

Color Contrast Check

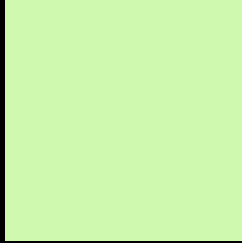
Large Text (above 18pt) WCAG AA × Fail

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 84.1119, 0.3290, 0.4109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

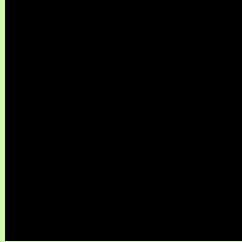
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

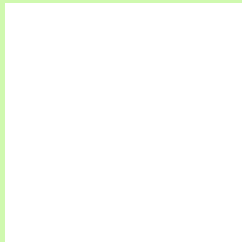
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.1119, 0.3290, 0.4109

Background



This preview shows how black text looks on a background with the Yxy color 84.1119, 0.3290, 0.4109.

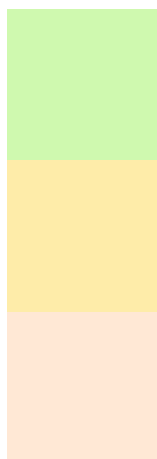


This preview shows how white text looks on a background with the Yxy color 84.1119, 0.3290, 0.4109.

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

84.1119, 0.3290, 0.4109

Protanopia

83.9263, 0.3688, 0.3967

Deuteranopia

83.7773, 0.3411, 0.3481



Tritanopia

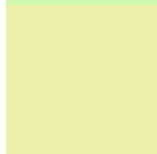
83.7412, 0.2918, 0.3115

Trichromacy



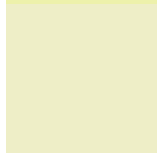
Original Color

84.1119, 0.3290, 0.4109



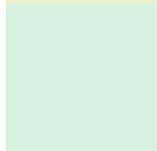
Protanomaly

83.8554, 0.3538, 0.4023



Deuteranomaly

83.4497, 0.3373, 0.3697



Tritanomaly

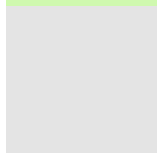
83.5942, 0.3055, 0.3460

Monochromacy



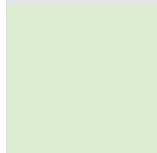
Original Color

84.1119, 0.3290, 0.4109



Achromatopsia

77.5822, 0.3127, 0.3290



Achromatomaly

79.8100, 0.3187, 0.3582

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.1119, 0.3290, 0.4109 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, 175)` looks like.

```
.text, #text, p{  
    color:rgb(207, 249, 175)  
}
```

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, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 249, 175) }
```

Border

The CSS property to change the border of an element to Yxy 84.1119, 0.3290, 0.4109 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, 175) }
```

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

```
.border{ border-color:rgb(207, 249, 175) }
```

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, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 249, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 249, 175); box-shadow:4px 4px 4px 4px rgb(207, 249, 175) }
```


Background

The CSS property to change the background color of an element to Yxy 84.1119, 0.3290, 0.4109 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, 175) }
```

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

```
.background{ background-color: rgb(207,  
249, 175) }
```

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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