

Converting Colors

Yxy(84.2678, 0.3119, 0.3852)

Have a look what the booklet for
Yxy(84.2678, 0.3119, 0.3852)
contains.

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Color

Yxy(84.2461, 0.3119, 0.3856)

Conversions

Conversions Part 1

Format	Color
Hex	C9F9C6
RGB	201, 249, 198
RGB Percent	79%, 98%, 78%
CMY	0.2120, 0.0235, 0.2236
CMYK	0.19, 0.00, 0.20, 0.02
HSL	117°, 81%, 88%
HSV	117°, 20%, 98%
XYZ	68.1441, 84.2461, 66.0904
YIQ	228.8340, -12.2370, -26.0370

Conversions

Conversions Part 2

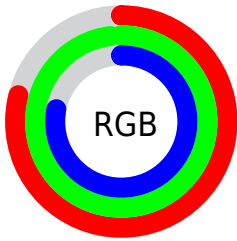
Format	Color
R _Y B	198, 249, 246
Decimal	13236678
CIE Lab	93.56, -24.72, 19.55
CIE LCh	94, 31.520, 141.659
Yxy	84.2461, 0.3119, 0.3856
Android (android.graphics.Color)	4291426758 (0xFFC9F9C6)
YUV	228.8340, -15.2012, -24.4104
Hunter-Lab	91.7857, -28.1019, 21.5581

Details

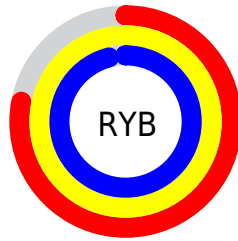
The Yxy color **84.2461, 0.3119, 0.3856** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **66.8308, 0.3129, 0.2776**, and the grayscale version is **78.3412, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.8239, 0.3110, 0.3988** is the 20% darker color. If you saturate the color by 10%, you get **80.1876, 0.3112, 0.4181**, and if you desaturate by 10%, it is **88.9973, 0.3124, 0.3562**.

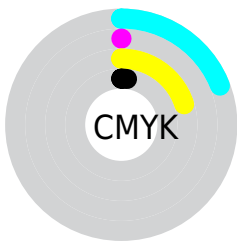
Distribution



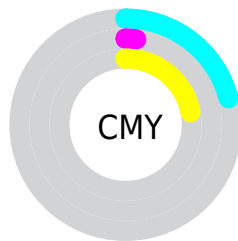
- Red (79%)
- Green (98%)
- Blue (78%)



- Red (78%)
- Yellow (98%)
- Blue (96%)



- Cyan (19%)
- Magenta (0%)
- Yellow (20%)
- Black (2%)





- Cyan (21%)
- Magenta (2%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.2461, 0.3119, 0.3856 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 84.2461, 0.3119, 0.3856 by changing the saturation by 10% instead.


 84.2461, 0.3119,
0.3856

 84.2461, 0.3119,
0.3856


509.1301, 0.3128,
0.3591

 63.2186, 0.3116,
0.3917


139.3194, 0.3123,
0.3764

 46.0181, 0.3111,
0.3993


174.1340, 0.3124,
0.3728

 32.2601, 0.3105,
0.4089


214.3131, 0.3125,
0.3697

 21.5603, 0.3095,
0.4215

260.2411, 0.3126,
0.3671

 13.5341, 0.3078,
0.4387

312.3024, 0.3126,
0.3647

 7.7974, 0.3047,
0.4637


370.8815, 0.3127,


 3.9656, 0.2986,


0.3626


0.5027


436.3625, 0.3127,
0.3608

 1.6543, 0.2999,
0.6028

 0.3938, 0.0000,
1.0000


 84.2461, 0.3119,
0.3856


 84.2461, 0.3119,
0.3856


 80.1876, 0.3112,
0.4181


 88.9973, 0.3124,
0.3562


 76.7792, 0.3102,
0.4530

 94.4599, 0.3127,
0.3302


 73.9905, 0.3089,
0.4887


 96.2429, 0.3130,
0.3233

 71.7840, 0.3073,
0.5230

 70.1185, 0.3056,
0.5533

 68.9473, 0.3038,
0.5769

 68.2156, 0.3021,
0.5922

 67.8595, 0.3009,
0.5993

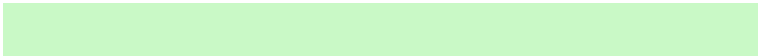
Harmonies

Analogous

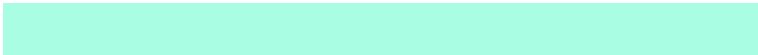
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.2461, 0.3474, 0.3939



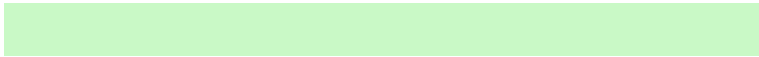
84.2461, 0.3119, 0.3856



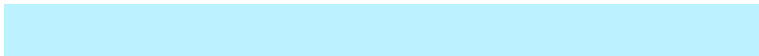
84.2461, 0.2779, 0.3589

Triad

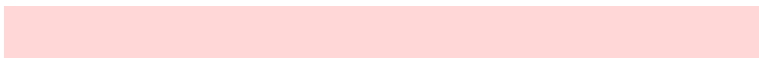
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.2461, 0.3119, 0.3856



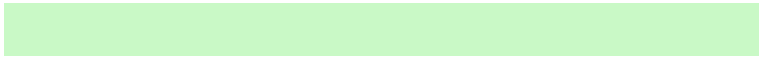
84.2461, 0.2532, 0.2743



84.2461, 0.3747, 0.3291

Complementary

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



84.2461, 0.3119, 0.3856



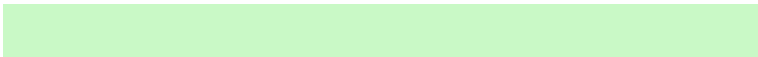
66.8308, 0.3129, 0.2776

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.



84.2461, 0.3467, 0.3011



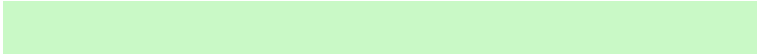
84.2461, 0.3119, 0.3856



84.2461, 0.2763, 0.2702

Square

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



84.2461, 0.3119, 0.3856



84.2461, 0.2454, 0.2931



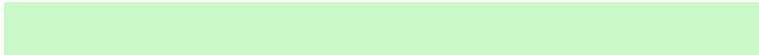
84.2461, 0.3102, 0.2800



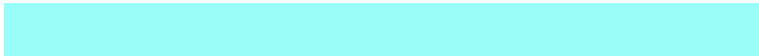
84.2461, 0.3850, 0.3586

Rectangle

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



84.2461, 0.3119, 0.3856



84.2461, 0.2605, 0.3357



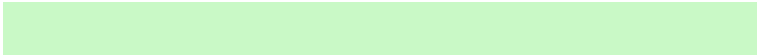
84.2461, 0.3102, 0.2800



84.2461, 0.3670, 0.3193

Sweetspot

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



84.2497, 0.3119, 0.3856



96.4213, 0.3126, 0.3441



89.8988, 0.3443, 0.3770



20.5583, 0.3125, 0.3458



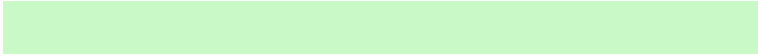
0.0000, 0.0000, 0.0000



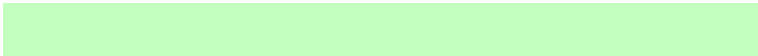
21.4041, 0.3127, 0.3290

Same Dimension

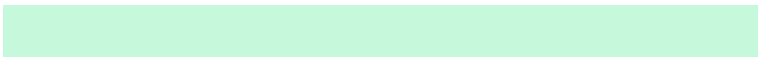
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.2497, 0.3119, 0.3856



86.8864, 0.3116, 0.4000



84.9406, 0.2976, 0.3606



19.3571, 0.3124, 0.3535



36.3368, 0.3012, 0.5990



3.3817, 0.3042, 0.5967

Inverse Universe

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



66.8308, 0.3129, 0.2776



65.1580, 0.3129, 0.2660



66.0693, 0.3313, 0.2994



17.4704, 0.3129, 0.3056



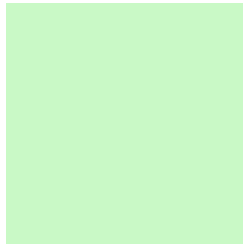
13.1006, 0.3064, 0.1462



1.2285, 0.3083, 0.1472

Previews

White Background



This preview shows how the Yxy color 84.2461, 0.3119, 0.3856 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 84.2461, 0.3119, 0.3856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

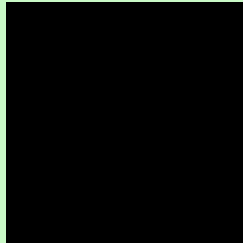
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 84.2461, 0.3119, 0.3856

Background



This preview shows how black text looks on a background with the Yxy color 84.2461, 0.3119, 0.3856.

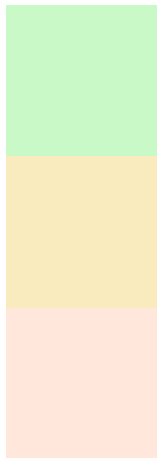


This preview shows how white text looks on a background with the Yxy color 84.2461, 0.3119, 0.3856.

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

84.2461, 0.3119, 0.3856

Protanopia

83.5022, 0.3517, 0.3739

Deuteranopia

83.5263, 0.3373, 0.3410



Tritanopia

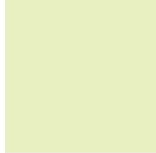
84.2919, 0.2894, 0.3135

Trichromacy



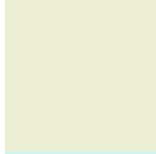
Original Color

84.2461, 0.3119, 0.3856



Protanomaly

83.3710, 0.3360, 0.3776



Deuteranomaly

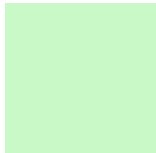
83.5144, 0.3276, 0.3572



Tritanomaly

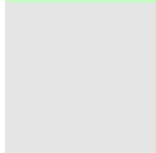
83.8906, 0.2977, 0.3385

Monochromacy



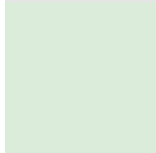
Original Color

84.2461, 0.3119, 0.3856



Achromatopsia

78.3538, 0.3127, 0.3290



Achromatomaly

80.1129, 0.3125, 0.3483

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.2461, 0.3119, 0.3856 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(201, 249, 198)` looks like.

```
.text, #text, p{  
    color:rgb(201, 249, 198)  
}
```

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(201, 249, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 249, 198) }
```

Border

The CSS property to change the border of an element to Yxy 84.2461, 0.3119, 0.3856 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(201, 249, 198) }
```

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

```
.border{ border-color:rgb(201, 249, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 249, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 249, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 249, 198);  
box-shadow:4px 4px 4px 4px rgb(201, 249,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 84.2461, 0.3119, 0.3856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 249, 198) }
```

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

```
.background{ background-color: rgb(201,  
249, 198) }
```

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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