

Converting Colors

$Yxy(88.3019, 0.3168, 0.3846)$

Have a look what the booklet for
Yxy(88.3019, 0.3168, 0.3846)
contains.

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Color

Yxy(88.4647, 0.3169, 0.3850)

Conversions

Conversions Part 1

Format	Color
Hex	D4FDC9
RGB	212, 253, 201
RGB Percent	83%, 99%, 79%
CMY	0.1687, 0.0078, 0.2117
CMYK	0.16, 0.00, 0.21, 0.01
HSL	107°, 93%, 89%
HSV	107°, 21%, 99%
XYZ	72.8168, 88.4647, 68.4970
YIQ	234.8130, -7.7440, -24.8640

Conversions

Conversions Part 2

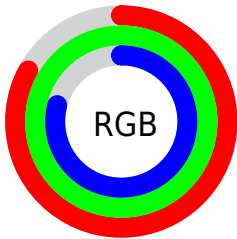
Format	Color
RYB	201, 253, 242
Decimal	13958601
CIELab	95.36, -22.47, 20.62
CIELCh	95, 30.503, 137.457
Yxy	88.4647, 0.3169, 0.3850
Android (android.graphics.Color)	4292148681 (0xFFD4FDC9)
YUV	234.8130, -16.6698, -20.0070
Hunter-Lab	94.0557, -26.4048, 22.6605

Details

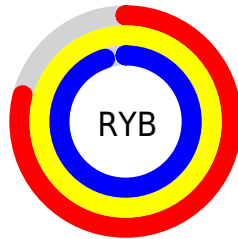
The Yxy color **88.4647, 0.3169, 0.3850** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **67.7489, 0.3071, 0.2765**, and the grayscale version is **83.0626, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.7545, 0.3173, 0.3976** is the 20% darker color. If you saturate the color by 10%, you get **84.5894, 0.3185, 0.4165**, and if you desaturate by 10%, it is **92.9103, 0.3150, 0.3562**.

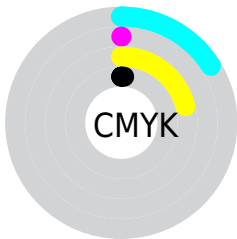
Distribution



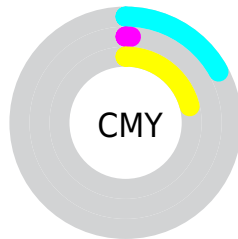
- Red (83%)
- Green (99%)
- Blue (79%)



- Red (79%)
- Yellow (99%)
- Blue (95%)



- Cyan (16%)
- Magenta (0%)
- Yellow (21%)
- Black (1%)




- Cyan (17%)
- Magenta (1%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.4647, 0.3169, 0.3850 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 88.4647, 0.3169, 0.3850 by changing the saturation by 10% instead.


 88.4647, 0.3169,
0.3850

 88.4647, 0.3169,
0.3850

523.0238, 0.3155,
0.3591

 66.7080, 0.3171,
0.3909

145.2039, 0.3165,
0.3760

 48.8474, 0.3173,
0.3982


180.9553, 0.3163,
0.3725

 34.4984, 0.3174,
0.4073


222.1402, 0.3162,
0.3695

 23.2768, 0.3174,
0.4193

269.1433, 0.3160,
0.3669

 14.7980, 0.3171,
0.4355

322.3488, 0.3159,
0.3646

 8.6777, 0.3161,
0.4585

382.1411, 0.3157,

 4.5316, 0.3132,

0.3626

0.4937

448.9046, 0.3156,
0.3607

■ 1.9751, 0.3133,
0.5688

■ 0.5930, 0.0247,
0.9753

■ 88.4647, 0.3169,
0.3850

■ 88.4647, 0.3169,
0.3850

■ 84.5894, 0.3185,
0.4165

■ 92.9103, 0.3150,
0.3562

■ 81.2501, 0.3194,
0.4499

■ 97.9363, 0.3128,
0.3303

■ 78.4260, 0.3196,
0.4839

■ 98.7359, 0.3128,
0.3271

■ 76.0908, 0.3189,
0.5167

■ 74.2153, 0.3170,
0.5460

■ 72.7675, 0.3141,
0.5696

■ 71.7104, 0.3104,
0.5859

■ 71.0248, 0.3066,
0.5947

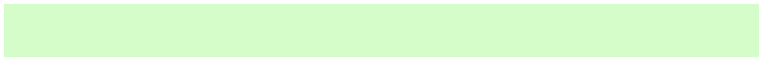
Harmonies

Analogous

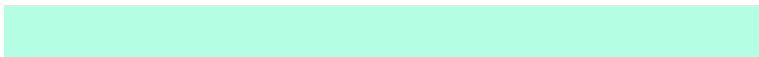
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.4647, 0.3502, 0.3903



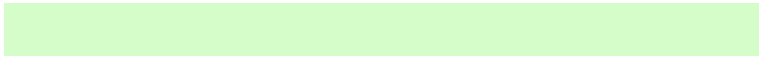
88.4647, 0.3169, 0.3850



88.4647, 0.2837, 0.3618

Triad

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



88.4647, 0.3169, 0.3850



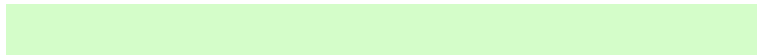
88.4647, 0.2540, 0.2786



88.4647, 0.3689, 0.3253

Complementary

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



88.4647, 0.3169, 0.3850



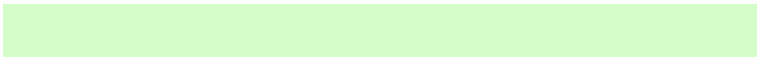
67.7489, 0.3071, 0.2765

Split Complementary

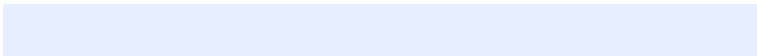
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.4647, 0.3405, 0.2990



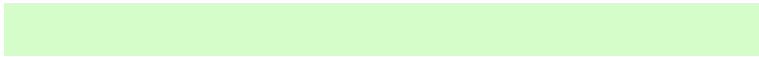
88.4647, 0.3169, 0.3850



88.4647, 0.2742, 0.2726

Square

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



88.4647, 0.3169, 0.3850



88.4647, 0.2486, 0.2984



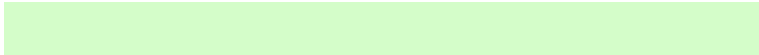
88.4647, 0.3055, 0.2802



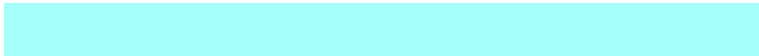
88.4647, 0.3813, 0.3536

Rectangle

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



88.4647, 0.3169, 0.3850



88.4647, 0.2660, 0.3402



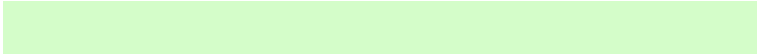
88.4647, 0.3055, 0.2802



88.4647, 0.3608, 0.3160

Sweetspot

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



88.4685, 0.3169, 0.3850



96.8360, 0.3140, 0.3441



88.4515, 0.3459, 0.3699



20.6560, 0.3142, 0.3458



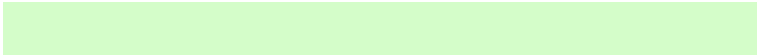
0.0000, 0.0000, 0.0000



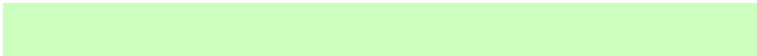
21.4041, 0.3127, 0.3290

Same Dimension

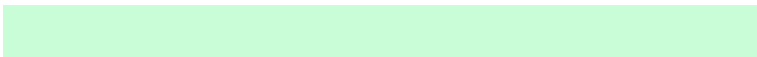
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.4685, 0.3169, 0.3850



88.2314, 0.3176, 0.3987



87.6183, 0.3019, 0.3695



20.3530, 0.3148, 0.3533



37.8299, 0.3074, 0.5941



3.7278, 0.3145, 0.5885

Inverse Universe

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



67.7489, 0.3071, 0.2765



63.3857, 0.3055, 0.2646



68.8485, 0.3256, 0.2917



18.0954, 0.3104, 0.3053



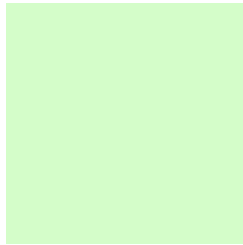
10.3378, 0.2678, 0.1249



1.0527, 0.2742, 0.1284

Previews

White Background



This preview shows how the Yxy color 88.4647, 0.3169, 0.3850 looks on a white background.

Color Contrast Check

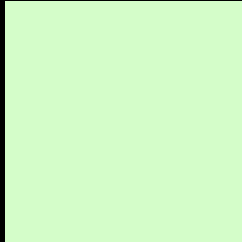
Large Text (above 18pt) WCAG AA × Fail

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 88.4647, 0.3169, 0.3850 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

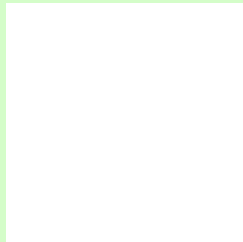
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.4647, 0.3169, 0.3850

Background



This preview shows how black text looks on a background with the Yxy color 88.4647, 0.3169, 0.3850.

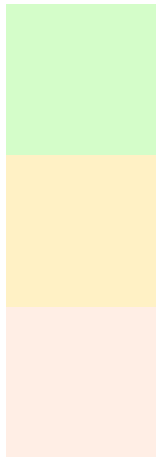


This preview shows how white text looks on a background with the Yxy color 88.4647, 0.3169, 0.3850.

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

88.4647, 0.3169, 0.3850

Protanopia

88.2018, 0.3501, 0.3730

Deuteranopia

88.0662, 0.3298, 0.3379



Tritanopia

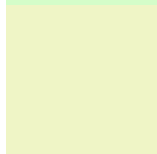
88.1442, 0.2975, 0.3169

Trichromacy



Original Color

88.4647, 0.3169, 0.3850



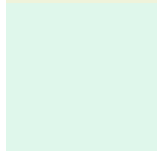
Protanomaly

87.7328, 0.3375, 0.3775



Deuteranomaly

87.5664, 0.3247, 0.3535



Tritanomaly

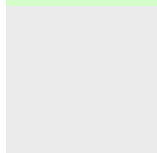
88.2077, 0.3046, 0.3414

Monochromacy



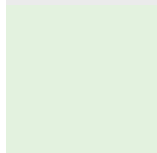
Original Color

88.4647, 0.3169, 0.3850



Achromatopsia

83.0770, 0.3127, 0.3290



Achromatomaly

85.1629, 0.3144, 0.3489

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.4647, 0.3169, 0.3850 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(212, 253, 201)` looks like.

```
.text, #text, p{  
    color:rgb(212, 253, 201)  
}
```

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(212, 253, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 253, 201) }
```

Border

The CSS property to change the border of an element to Yxy 88.4647, 0.3169, 0.3850 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(212, 253, 201) }
```

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

```
.border{ border-color:rgb(212, 253, 201) }
```

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

Here you see how a box with a 4 pixel rgb(212, 253, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 253, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 253, 201);  
box-shadow:4px 4px 4px 4px rgb(212, 253,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 88.4647, 0.3169, 0.3850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 253, 201) }
```

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

```
.background{ background-color: rgb(212,  
253, 201) }
```

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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