

Converting Colors

Yxy(85.2633, 0.3119, 0.3655)

Have a look what the booklet for
Yxy(85.2633, 0.3119, 0.3655)
contains.

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Color

Yxy(85.0118, 0.3117, 0.3645)

Conversions

Conversions Part 1

Format	Color
Hex	D6F6D5
RGB	214, 246, 213
RGB Percent	84%, 96%, 84%
CMY	0.1608, 0.0353, 0.1647
CMYK	0.13, 0.00, 0.13, 0.04
HSL	118°, 65%, 90%
HSV	118°, 13%, 96%
XYZ	72.6973, 85.0118, 75.5194
YIQ	232.6700, -8.4790, -17.0470

Conversions

Conversions Part 2

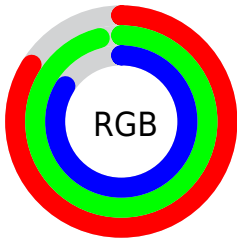
Format	Color
R _Y B	213, 246, 245
Decimal	14087893
CIE Lab	93.89, -16.40, 12.43
CIE LCh	94, 20.573, 142.843
Yxy	85.0118, 0.3117, 0.3645
Android (android.graphics.Color)	4292277973 (0xFFD6F6D5)
YUV	232.6700, -9.6973, -16.3736
Hunter-Lab	92.2018, -20.6134, 15.9789

Details

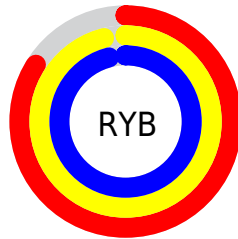
The Yxy color **85.0118, 0.3117, 0.3645** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **73.6473, 0.3135, 0.2957**, and the grayscale version is **81.3057, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.6665, 0.3114, 0.3738** is the 20% darker color. If you saturate the color by 10%, you get **80.5307, 0.3107, 0.3950**, and if you desaturate by 10%, it is **90.2147, 0.3125, 0.3375**.

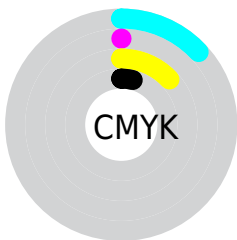
Distribution



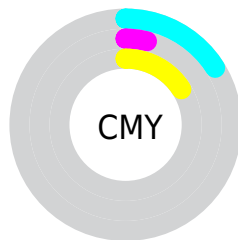
- Red (84%)
- Green (96%)
- Blue (84%)



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



- Cyan (13%)
- Magenta (0%)
- Yellow (13%)
- Black (4%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.0118, 0.3117, 0.3645 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 85.0118, 0.3117, 0.3645 by changing the saturation by 10% instead.


 85.0118, 0.3117,
0.3645

 85.0118, 0.3117,
0.3645

511.6671, 0.3124,
0.3481

 63.8511, 0.3115,
0.3682


140.3897, 0.3120,
0.3588

 46.5301, 0.3113,
0.3728


175.3756, 0.3121,
0.3566

 32.6643, 0.3109,
0.3786


215.7389, 0.3121,
0.3547

 21.8694, 0.3104,
0.3862

261.8637, 0.3122,
0.3531

 13.7610, 0.3096,
0.3965

314.1345, 0.3122,
0.3516

 7.9546, 0.3082,
0.4113

372.9358, 0.3123,

 4.0659, 0.3056,

0.3503

0.4343

438.6519, 0.3123,
0.3492

■ 1.7105, 0.3005,
0.4756

■ 0.4304, 0.0202,
0.9798

■ 85.0118, 0.3117,
0.3645

■ 85.0118, 0.3117,
0.3645

■ 80.5307, 0.3107,
0.3950

■ 90.2147, 0.3125,
0.3375

■ 76.7293, 0.3096,
0.4285

■ 94.3948, 0.3131,
0.3204

■ 73.5776, 0.3082,
0.4640

■ 71.0394, 0.3067,
0.4998

■ 69.0747, 0.3050,
0.5334

■ 67.6387, 0.3034,
0.5620

■ 66.6804, 0.3020,
0.5832

■ 66.1381, 0.3009,
0.5956

■ 65.9637, 0.3005,
0.5996

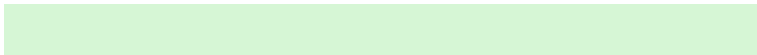
Harmonies

Analogous

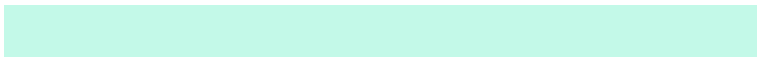
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.0118, 0.3349, 0.3708



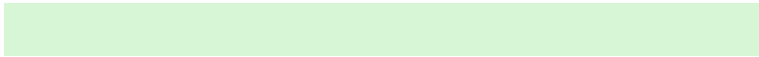
85.0118, 0.3117, 0.3645



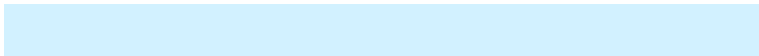
85.0118, 0.2894, 0.3475

Triad

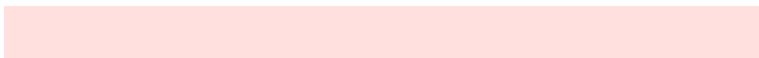
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.0118, 0.3117, 0.3645



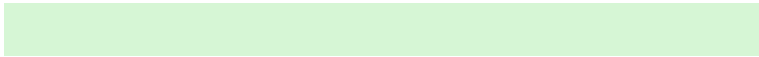
85.0118, 0.2738, 0.2928



85.0118, 0.3533, 0.3305

Complementary

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



85.0118, 0.3117, 0.3645



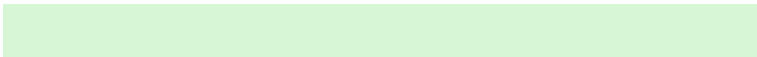
73.6473, 0.3135, 0.2957

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.



85.0118, 0.3358, 0.3113



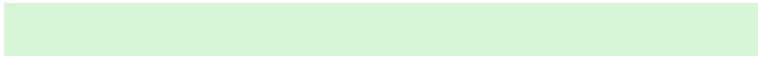
85.0118, 0.3117, 0.3645



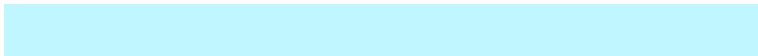
85.0118, 0.2898, 0.2900

Square

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



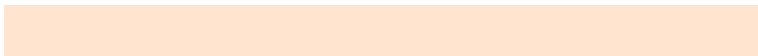
85.0118, 0.3117, 0.3645



85.0118, 0.2680, 0.3054



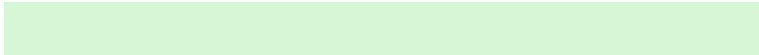
85.0118, 0.3123, 0.2967



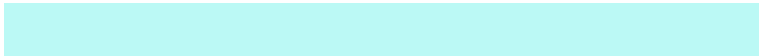
85.0118, 0.3595, 0.3500

Rectangle

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



85.0118, 0.3117, 0.3645



85.0118, 0.2779, 0.3329



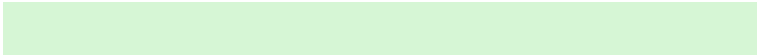
85.0118, 0.3123, 0.2967



85.0118, 0.3485, 0.3238

Sweetspot

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



85.0154, 0.3117, 0.3645



97.5334, 0.3124, 0.3389



89.6446, 0.3330, 0.3612



20.7800, 0.3124, 0.3409



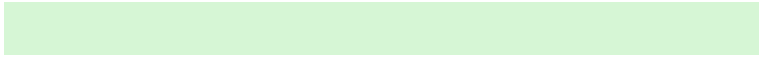
0.0000, 0.0000, 0.0000



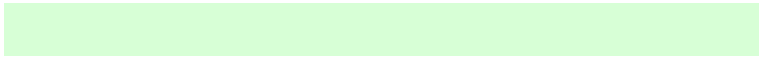
21.4041, 0.3127, 0.3290

Same Dimension

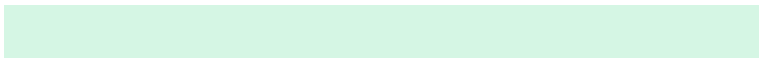
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.0154, 0.3117, 0.3645



90.9017, 0.3115, 0.3721



85.6827, 0.3021, 0.3477



18.4963, 0.3120, 0.3534



35.2181, 0.3006, 0.5995



3.1037, 0.3023, 0.5982

Inverse Universe

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



73.6473, 0.3135, 0.2957



76.4367, 0.3137, 0.2891



72.9235, 0.3249, 0.3110



16.7407, 0.3133, 0.3057



13.3044, 0.3132, 0.1499



1.1774, 0.3143, 0.1505

Previews

White Background



This preview shows how the Yxy color 85.0118, 0.3117, 0.3645 looks on a white background.

Color Contrast Check

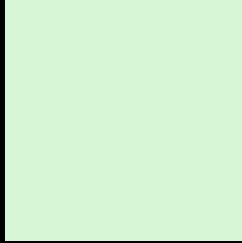
Large Text (above 18pt) WCAG AA × Fail

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 85.0118, 0.3117, 0.3645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

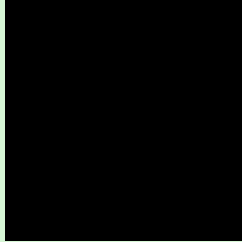
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

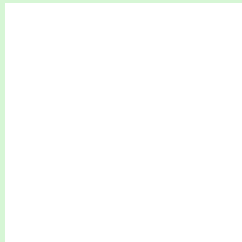
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.0118, 0.3117, 0.3645

Background



This preview shows how black text looks on a background with the Yxy color 85.0118, 0.3117, 0.3645.

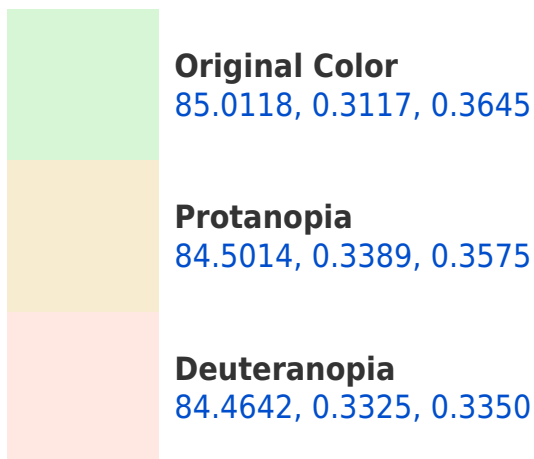


This preview shows how white text looks on a background with the Yxy color 85.0118, 0.3117, 0.3645.

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

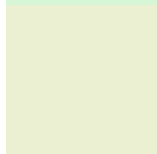
84.8003, 0.2937, 0.3126

Trichromacy



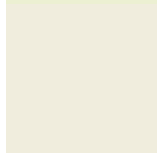
Original Color

85.0118, 0.3117, 0.3645



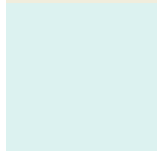
Protanomaly

84.8062, 0.3287, 0.3602



Deuteranomaly

84.3141, 0.3248, 0.3454



Tritanomaly

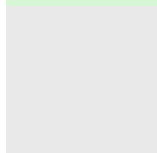
85.0112, 0.2998, 0.3310

Monochromacy



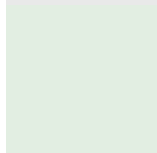
Original Color

85.0118, 0.3117, 0.3645



Achromatopsia

81.4847, 0.3127, 0.3290



Achromatomaly

82.8088, 0.3121, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.0118, 0.3117, 0.3645 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(214, 246, 213)` looks like.

```
.text, #text, p{  
    color:rgb(214, 246, 213)  
}
```

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(214, 246, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 246, 213) }
```

Border

The CSS property to change the border of an element to Yxy 85.0118, 0.3117, 0.3645 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(214, 246, 213) }
```

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

```
.border{ border-color:rgb(214, 246, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 246, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 246, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 246, 213);  
box-shadow:4px 4px 4px 4px rgb(214, 246,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 85.0118, 0.3117, 0.3645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 246, 213) }
```

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

```
.background{ background-color: rgb(214,  
246, 213) }
```

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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