

Converting Colors

$Yxy(85.7575, 0.3118, 0.3681)$

Have a look what the booklet for
Yxy(85.7575, 0.3118, 0.3681)
contains.

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Color

Yxy(85.9841, 0.3121, 0.3688)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | D5F8D3 |
| RGB | 213, 248, 211 |
| RGB Percent | 84%, 97%, 83% |
| CMY | 0.1647, 0.0274, 0.1725 |
| CMYK | 0.14, 0.00, 0.15, 0.03 |
| HSL | 117°, 73%, 90% |
| HSV | 117°, 15%, 97% |
| XYZ | 72.7647, 85.9841, 74.3968 |
| YIQ | 233.3170, -8.9830, -18.9270 |

Conversions

Conversions Part 2

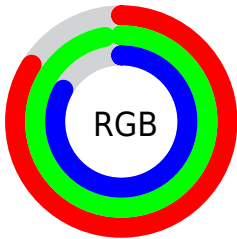
| Format | Color |
|-------------------------------------|---------------------------------|
| R _Y B | 211, 248, 246 |
| Decimal | 14022867 |
| CIE Lab | 94.31, -18.05, 14.03 |
| CIE LCh | 94, 22.862, 142.154 |
| Yxy | 85.9841, 0.3121, 0.3688 |
| Android (android.graphics.Color) | 4292212947 (0xFFD5F8D3) |
| YUV | 233.3170, -11.0023, -17.8180 |
| Hunter-Lab | 92.7276, -22.2017, 17.3401 |

Details

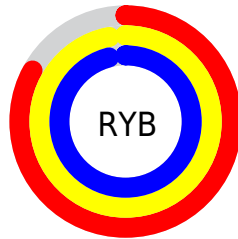
The Yxy color **85.9841, 0.3121, 0.3688** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **72.9708, 0.3130, 0.2919**, and the grayscale version is **81.8278, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.3687, 0.3120, 0.3794** is the 20% darker color. If you saturate the color by 10%, you get **81.5784, 0.3114, 0.3997**, and if you desaturate by 10%, it is **91.0972, 0.3126, 0.3413**.

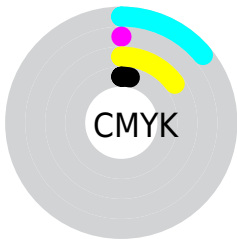
Distribution



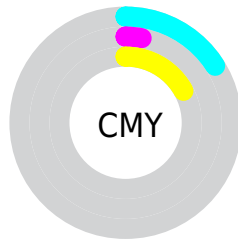
- Red (84%)
- Green (97%)
- Blue (83%)



- Red (83%)
- Yellow (97%)
- Blue (96%)



- Cyan (14%)
- Magenta (0%)
- Yellow (15%)
- Black (3%)





- Cyan (16%)
- Magenta (3%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.9841, 0.3121, 0.3688 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 85.9841, 0.3121, 0.3688 by changing the saturation by 10% instead.


 85.9841, 0.3121,
0.3688

 85.9841, 0.3121,
0.3688

514.8788, 0.3126,
0.3504

 64.6548, 0.3119,
0.3730


141.7473, 0.3123,
0.3624

 47.1812, 0.3117,
0.3781


176.9500, 0.3124,
0.3600

 33.1790, 0.3113,
0.3847


217.5460, 0.3125,
0.3578

 22.2636, 0.3108,
0.3932

263.9196, 0.3125,
0.3560

 14.0507, 0.3100,
0.4047

316.4554, 0.3125,
0.3543

 8.1559, 0.3085,
0.4213

375.5375, 0.3126,

 4.1949, 0.3056,

0.3529

0.4469

441.5505, 0.3126,
0.3516

■ 1.7832, 0.3004,
0.4937

■ 0.4767, 0.0252,
0.9748

■ 85.9841, 0.3121,
0.3688

■ 85.9841, 0.3121,
0.3688

■ 81.5784, 0.3114,
0.3997

■ 91.0972, 0.3126,
0.3413

■ 77.8384, 0.3105,
0.4334

■ 95.6192, 0.3130,
0.3223

■ 74.7352, 0.3094,
0.4689

■ 72.2333, 0.3079,
0.5043

■ 70.2936, 0.3063,
0.5372

■ 68.8725, 0.3045,
0.5649

■ 67.9201, 0.3028,
0.5849

■ 67.3764, 0.3013,
0.5963

■ 67.2267, 0.3008,
0.5994

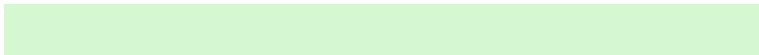
Harmonies

Analogous

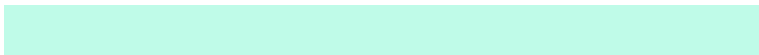
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.9841, 0.3377, 0.3754



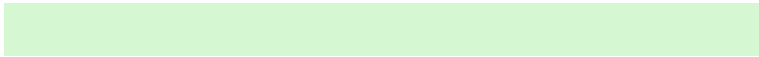
85.9841, 0.3121, 0.3688



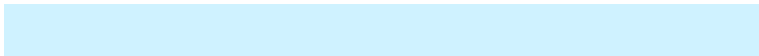
85.9841, 0.2874, 0.3500

Triad

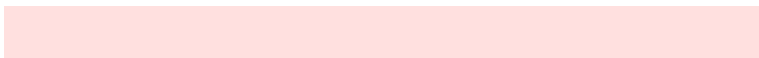
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.9841, 0.3121, 0.3688



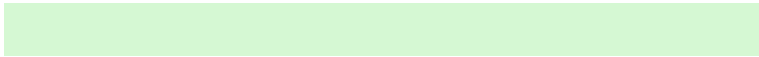
85.9841, 0.2695, 0.2892



85.9841, 0.3574, 0.3300

Complementary

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



85.9841, 0.3121, 0.3688



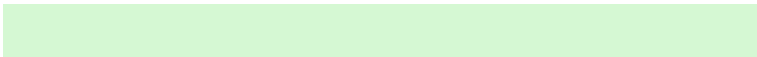
72.9708, 0.3130, 0.2919

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.



85.9841, 0.3377, 0.3090



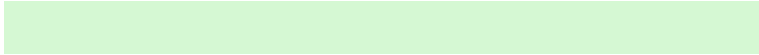
85.9841, 0.3121, 0.3688



85.9841, 0.2868, 0.2859

Square

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



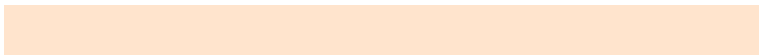
85.9841, 0.3121, 0.3688



85.9841, 0.2634, 0.3032



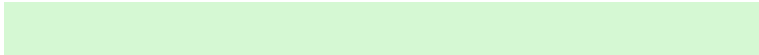
85.9841, 0.3116, 0.2932



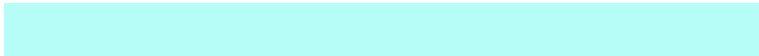
85.9841, 0.3646, 0.3516

Rectangle

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



85.9841, 0.3121, 0.3688



85.9841, 0.2746, 0.3338



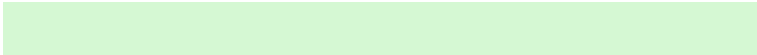
85.9841, 0.3116, 0.2932



85.9841, 0.3520, 0.3227

Sweetspot

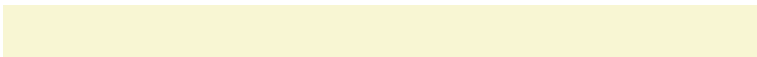
The Sweet Spot groups the original color and five complimentary colors.



85.9878, 0.3121, 0.3688



97.5750, 0.3126, 0.3389



90.2941, 0.3355, 0.3637



20.7905, 0.3126, 0.3409



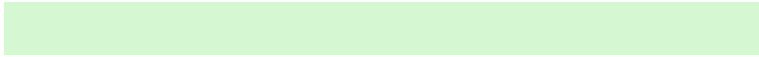
0.0000, 0.0000, 0.0000



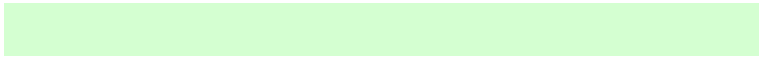
21.4041, 0.3127, 0.3290

Same Dimension

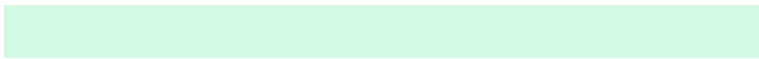
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.9878, 0.3121, 0.3688



90.0593, 0.3119, 0.3781



86.5385, 0.3017, 0.3513



19.3535, 0.3124, 0.3535



36.3314, 0.3011, 0.5991



3.3800, 0.3038, 0.5969

Inverse Universe

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



72.9708, 0.3130, 0.2919



73.6675, 0.3131, 0.2840



72.3776, 0.3256, 0.3077



17.4745, 0.3129, 0.3056



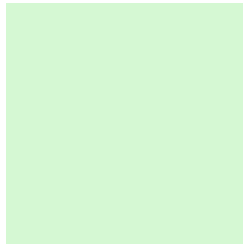
13.1985, 0.3075, 0.1468



1.2365, 0.3092, 0.1477

Previews

White Background



This preview shows how the Yxy color 85.9841, 0.3121, 0.3688 looks on a white background.

Color Contrast Check

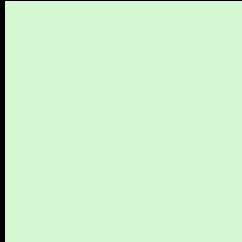
Large Text (above 18pt) WCAG AA × Fail

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 85.9841, 0.3121, 0.3688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

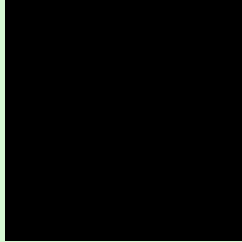
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

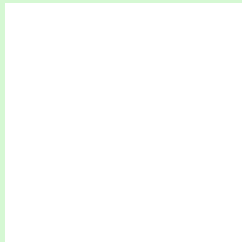
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.9841, 0.3121, 0.3688

Background



This preview shows how black text looks on a background with the Yxy color 85.9841, 0.3121, 0.3688.

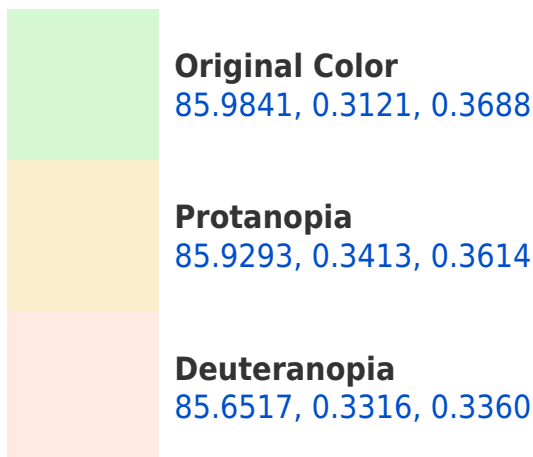


This preview shows how white text looks on a background with the Yxy color 85.9841, 0.3121, 0.3688.

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

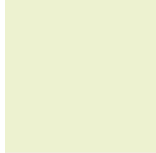
85.5477, 0.2943, 0.3137

Trichromacy



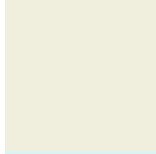
Original Color

85.9841, 0.3121, 0.3688



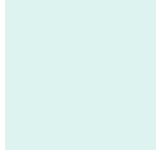
Protanomaly

86.0629, 0.3304, 0.3642



Deuteranomaly

85.4787, 0.3246, 0.3474



Tritanomaly

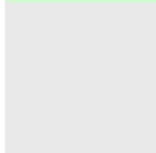
85.7053, 0.3010, 0.3331

Monochromacy



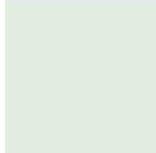
Original Color

85.9841, 0.3121, 0.3688



Achromatopsia

81.4847, 0.3127, 0.3290



Achromatomaly

82.7541, 0.3127, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.9841, 0.3121, 0.3688 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(213, 248, 211)` looks like.

```
.text, #text, p{  
    color:rgb(213, 248, 211)  
}
```

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(213, 248, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 248, 211) }
```

Border

The CSS property to change the border of an element to Yxy 85.9841, 0.3121, 0.3688 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(213, 248, 211) }
```

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

```
.border{ border-color:rgb(213, 248, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 248, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 248, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 248, 211);  
box-shadow:4px 4px 4px 4px rgb(213, 248,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 85.9841, 0.3121, 0.3688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 248, 211) }
```

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

```
.background{ background-color: rgb(213,  
248, 211) }
```

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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