

Converting Colors

Yxy(85.3404, 0.3128, 0.3646)

Have a look what the booklet for
Yxy(85.3404, 0.3128, 0.3646)
contains.

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Color

Yxy(85.3146, 0.3130, 0.3644)

Conversions

Conversions Part 1

Format	Color
Hex	D8F6D5
RGB	216, 246, 213
RGB Percent	85%, 96%, 84%
CMY	0.1529, 0.0353, 0.1649
CMYK	0.12, 0.00, 0.13, 0.04
HSL	114°, 65%, 90%
HSV	114°, 13%, 96%
XYZ	73.2807, 85.3146, 75.5282
YIQ	233.2680, -7.2870, -16.6230

Conversions

Conversions Part 2

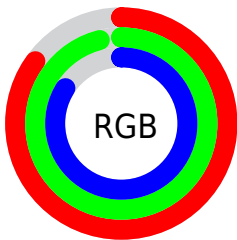
Format	Color
R_{YB}	213, 246, 243
Decimal	14218965
CIE _{Lab}	94.02, -15.74, 12.64
CIE _{LCh}	94, 20.188, 141.222
Yxy	85.3146, 0.3130, 0.3644
Android (android.graphics.Color)	4292409045 (0xFFD8F6D5)
YUV	233.2680, -9.9921, -15.1440
Hunter-Lab	92.3659, -20.0232, 16.1743

Details

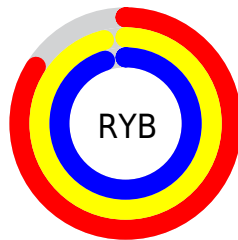
The Yxy color **85.3146, 0.3130, 0.3644** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **73.2721, 0.3121, 0.2956**, and the grayscale version is **81.7789, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.8726, 0.3131, 0.3735** is the 20% darker color. If you saturate the color by 10%, you get **80.9883, 0.3130, 0.3946**, and if you desaturate by 10%, it is **90.3002, 0.3128, 0.3375**.

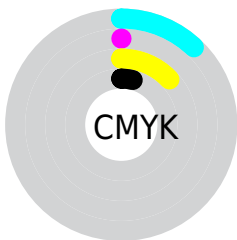
Distribution



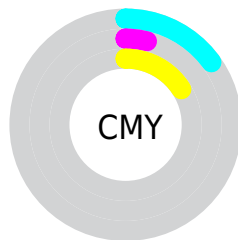
- Red (85%)
- Green (96%)
- Blue (84%)



- Red (84%)
- Yellow (96%)
- Blue (95%)



- Cyan (12%)
- Magenta (0%)
- Yellow (13%)
- Black (4%)





- Cyan (15%)
- Magenta (4%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.3146, 0.3130, 0.3644 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 85.3146, 0.3130, 0.3644 by changing the saturation by 10% instead.

 85.3146, 0.3130,
0.3644

 85.3146, 0.3130,
0.3644


512.6685, 0.3131,
0.3481

 64.1014, 0.3129,
0.3681

140.8126, 0.3131,
0.3588

 46.7328, 0.3128,
0.3727


175.8662, 0.3131,
0.3566

 32.8245, 0.3127,
0.3785


216.3020, 0.3131,
0.3547

 21.9920, 0.3124,
0.3860

262.5045, 0.3131,
0.3530

 13.8510, 0.3120,
0.3962

314.8580, 0.3131,
0.3516

 8.0171, 0.3111,
0.4109

373.7469, 0.3131,

 4.1059, 0.3093,

0.3503

439.5556, 0.3131,
0.3491

0.4335

1.7330, 0.3054,
0.4741

0.4449, 0.0799,
0.9201

85.3146, 0.3130,
0.3644

85.3146, 0.3130,
0.3644

80.9883, 0.3130,
0.3946

90.3002, 0.3128,
0.3375

77.2833, 0.3126,
0.4276

94.3971, 0.3131,
0.3204

74.1742, 0.3119,
0.4625

71.6300, 0.3108,
0.4977

■ 69.6164, 0.3092,
0.5309

■ 68.0956, 0.3073,
0.5594

■ 67.0249, 0.3050,
0.5809

■ 66.3538, 0.3028,
0.5940

■ 66.0949, 0.3017,
0.5987

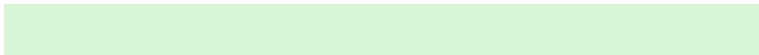
Harmonies

Analogous

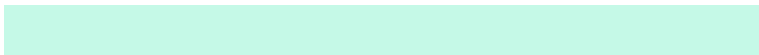
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.3146, 0.3356, 0.3700



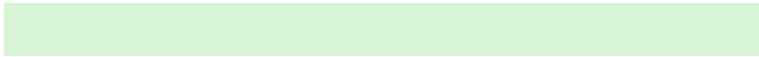
85.3146, 0.3130, 0.3644



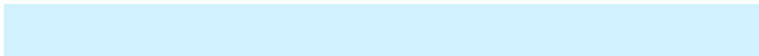
85.3146, 0.2909, 0.3482

Triad

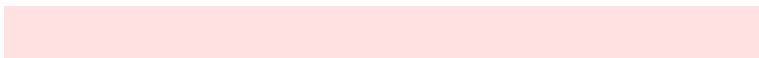
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.3146, 0.3130, 0.3644



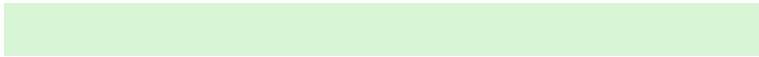
85.3146, 0.2740, 0.2940



85.3146, 0.3518, 0.3294

Complementary

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



85.3146, 0.3130, 0.3644



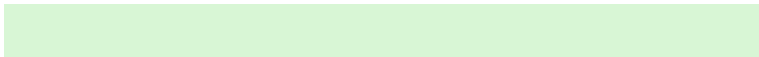
73.2721, 0.3121, 0.2956

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.



85.3146, 0.3342, 0.3107



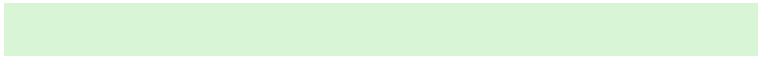
85.3146, 0.3130, 0.3644



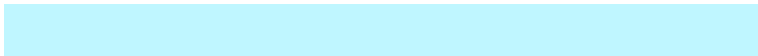
85.3146, 0.2892, 0.2906

Square

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



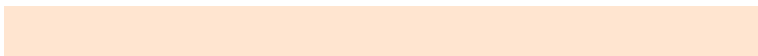
85.3146, 0.3130, 0.3644



85.3146, 0.2689, 0.3068



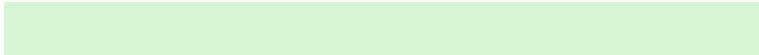
85.3146, 0.3111, 0.2968



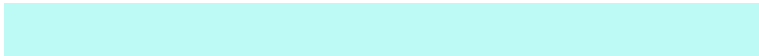
85.3146, 0.3586, 0.3486

Rectangle

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



85.3146, 0.3130, 0.3644



85.3146, 0.2793, 0.3340



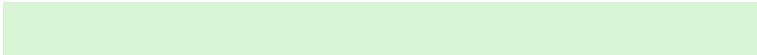
85.3146, 0.3111, 0.2968



85.3146, 0.3470, 0.3229

Sweetspot

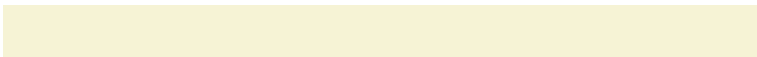
The Sweet Spot groups the original color and five complimentary colors.



85.3182, 0.3130, 0.3644



97.6459, 0.3128, 0.3389



88.3209, 0.3333, 0.3591



20.8083, 0.3129, 0.3409



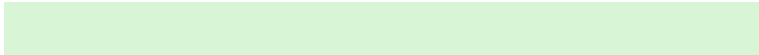
0.0000, 0.0000, 0.0000



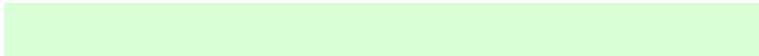
21.4041, 0.3127, 0.3290

Same Dimension

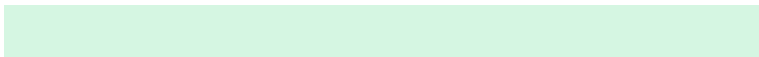
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.3182, 0.3130, 0.3644



91.2836, 0.3130, 0.3719



85.5582, 0.3034, 0.3501



18.5449, 0.3129, 0.3534



35.3014, 0.3021, 0.5983



3.1269, 0.3068, 0.5946

Inverse Universe

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



73.2721, 0.3121, 0.2956



75.9694, 0.3119, 0.2889



73.0342, 0.3233, 0.3088



16.6863, 0.3123, 0.3056



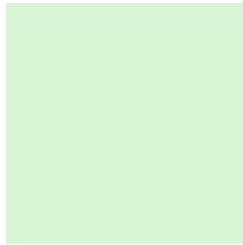
11.9891, 0.2979, 0.1415



1.0759, 0.3009, 0.1431

Previews

White Background



This preview shows how the Yxy color 85.3146, 0.3130, 0.3644 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 85.3146, 0.3130, 0.3644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

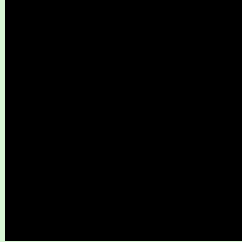
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

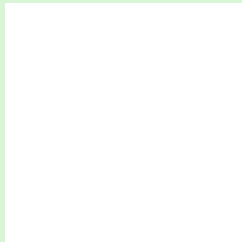
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.3146, 0.3130, 0.3644

Background



This preview shows how black text looks on a background with the Yxy color 85.3146, 0.3130, 0.3644.

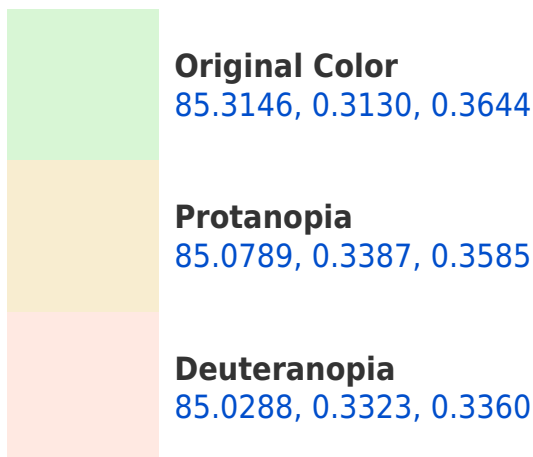


This preview shows how white text looks on a background with the Yxy color 85.3146, 0.3130, 0.3644.

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

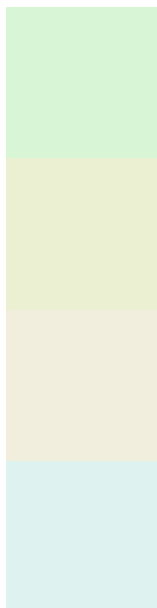




Tritanopia

85.1218, 0.2949, 0.3127

Trichromacy



Original Color

85.3146, 0.3130, 0.3644

Protanomaly

84.8062, 0.3287, 0.3602

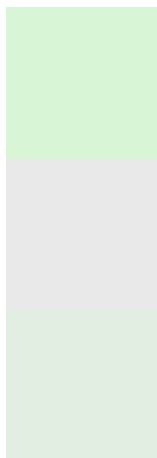
Deuteranomaly

85.0703, 0.3253, 0.3464

Tritanomaly

85.3251, 0.3011, 0.3310

Monochromacy



Original Color

85.3146, 0.3130, 0.3644

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

82.9710, 0.3128, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.3146, 0.3130, 0.3644 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(216, 246, 213)` looks like.

```
.text, #text, p{  
    color:rgb(216, 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(216, 246, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 246, 213) }
```

Border

The CSS property to change the border of an element to Yxy 85.3146, 0.3130, 0.3644 is called "border". The border property can be set on classes, ids or directly on the HTML element.

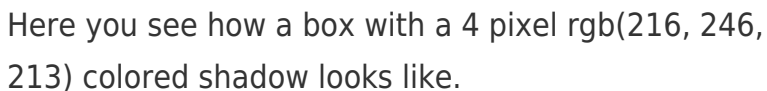
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 246, 213) }
```

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

```
.border{ border-color:rgb(216, 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(216, 246, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 246, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 246, 213); box-shadow:4px 4px 4px 4px rgb(216, 246, 213) }
```


Background

The CSS property to change the background color of an element to Yxy 85.3146, 0.3130, 0.3644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 246, 213) }
```

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

```
.background{ background-color: rgb(216,  
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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