

Converting Colors

Yxy(84.8631, 0.3134, 0.3615)

Have a look what the booklet for
Yxy(84.8631, 0.3134, 0.3615)
contains.

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Color

Yxy(85.0653, 0.3137, 0.3621)

Conversions

Conversions Part 1

Format	Color
Hex	DAF5D6
RGB	218, 245, 214
RGB Percent	85%, 96%, 84%
CMY	0.1453, 0.0392, 0.1607
CMYK	0.11, 0.00, 0.13, 0.04
HSL	112°, 61%, 90%
HSV	112°, 13%, 96%
XYZ	73.6951, 85.0653, 76.1618
YIQ	233.3930, -6.1410, -15.3650

Conversions

Conversions Part 2

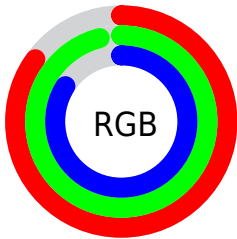
Format	Color
R_{YB}	214, 245, 241
Decimal	14349782
CIE _{Lab}	93.91, -14.41, 11.97
CIE _{LCh}	94, 18.732, 140.301
Yxy	85.0653, 0.3137, 0.3621
Android (android.graphics.Color)	4292539862 (0xFFDAF5D6)
YUV	233.3930, -9.5607, -13.4997
Hunter-Lab	92.2309, -18.7774, 15.6015

Details

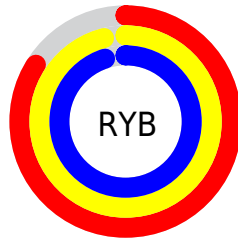
The Yxy color **85.0653, 0.3137, 0.3621** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **73.4074, 0.3114, 0.2975**, and the grayscale version is **81.8716, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.6849, 0.3140, 0.3706** is the 20% darker color. If you saturate the color by 10%, you get **80.8234, 0.3142, 0.3919**, and if you desaturate by 10%, it is **89.9281, 0.3129, 0.3355**.

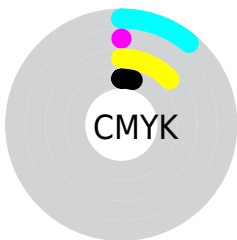
Distribution



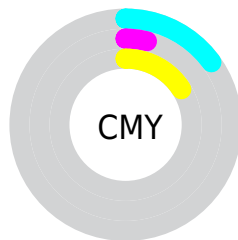
- Red (85%)
- Green (96%)
- Blue (84%)



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



- Cyan (11%)
- Magenta (0%)
- Yellow (13%)
- Black (4%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.0653, 0.3137, 0.3621 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 85.0653, 0.3137, 0.3621 by changing the saturation by 10% instead.


 85.0653, 0.3137,
0.3621

 85.0653, 0.3137,
0.3621


511.8441, 0.3134,
0.3469

 63.8953, 0.3137,
0.3656


140.4644, 0.3136,
0.3568

 46.5659, 0.3137,
0.3698


175.4623, 0.3136,
0.3548

 32.6926, 0.3137,
0.3752


215.8384, 0.3136,
0.3530

 21.8911, 0.3136,
0.3822

261.9769, 0.3135,
0.3515

 13.7769, 0.3134,
0.3918

314.2624, 0.3135,
0.3501

 7.9657, 0.3129,
0.4054

373.0791, 0.3135,

 4.0730, 0.3118,

0.3489

0.4265

438.8116, 0.3135,
0.3478

■ 1.7145, 0.3089,
0.4638

■ 0.4330, 0.1212,
0.8788

■ 85.0653, 0.3137,
0.3621

■ 85.0653, 0.3137,
0.3621

■ 80.8234, 0.3142,
0.3919

■ 89.9281, 0.3129,
0.3355

■ 77.1670, 0.3144,
0.4244

■ 93.7942, 0.3132,
0.3195

■ 74.0735, 0.3142,
0.4589

■ 71.5147, 0.3134,
0.4937

■ 69.4600, 0.3119,
0.5269

■ 67.8756, 0.3099,
0.5557

■ 66.7235, 0.3074,
0.5779

■ 65.9594, 0.3046,
0.5921

■ 65.6082, 0.3028,
0.5978

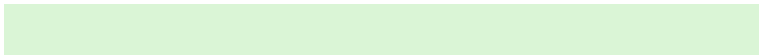
Harmonies

Analogous

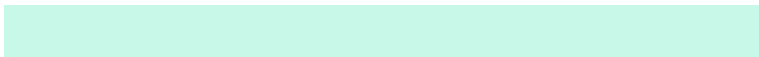
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.0653, 0.3346, 0.3670



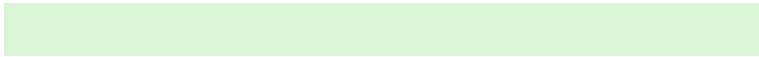
85.0653, 0.3137, 0.3621



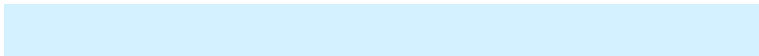
85.0653, 0.2930, 0.3473

Triad

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



85.0653, 0.3137, 0.3621



85.0653, 0.2764, 0.2967



85.0653, 0.3487, 0.3289

Complementary

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



85.0653, 0.3137, 0.3621



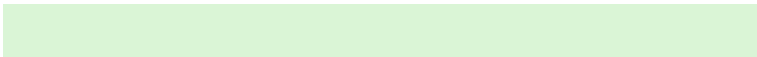
73.4074, 0.3114, 0.2975

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.



85.0653, 0.3321, 0.3115



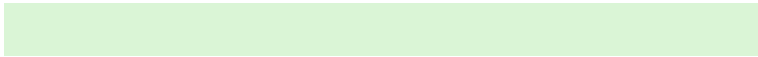
85.0653, 0.3137, 0.3621



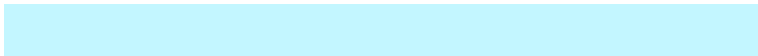
85.0653, 0.2903, 0.2932

Square

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



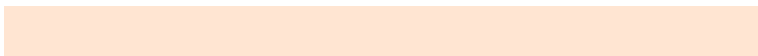
85.0653, 0.3137, 0.3621



85.0653, 0.2719, 0.3089



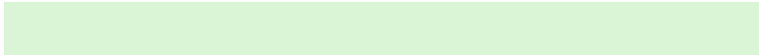
85.0653, 0.3106, 0.2987



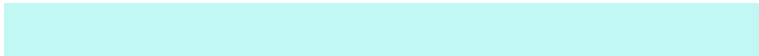
85.0653, 0.3553, 0.3468

Rectangle

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



85.0653, 0.3137, 0.3621



85.0653, 0.2821, 0.3343



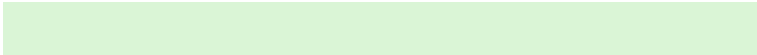
85.0653, 0.3106, 0.2987



85.0653, 0.3440, 0.3228

Sweetspot

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



85.0689, 0.3137, 0.3621



97.7108, 0.3131, 0.3389



87.1119, 0.3322, 0.3563



20.8247, 0.3131, 0.3409



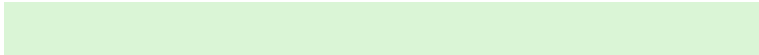
0.0000, 0.0000, 0.0000



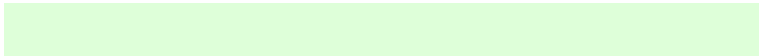
21.4041, 0.3127, 0.3290

Same Dimension

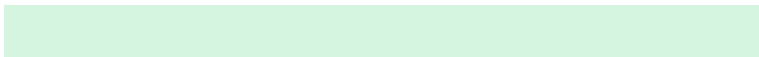
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.0689, 0.3137, 0.3621



91.9857, 0.3139, 0.3689



85.0696, 0.3045, 0.3499



18.5730, 0.3135, 0.3533



35.3713, 0.3033, 0.5974



3.1402, 0.3094, 0.5926

Inverse Universe

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



73.4074, 0.3114, 0.2975



77.0658, 0.3111, 0.2914



73.4360, 0.3219, 0.3090



16.6551, 0.3118, 0.3055



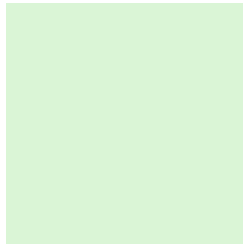
11.2823, 0.2890, 0.1366



1.0209, 0.2932, 0.1389

Previews

White Background



This preview shows how the Yxy color 85.0653, 0.3137, 0.3621 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 85.0653, 0.3137, 0.3621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

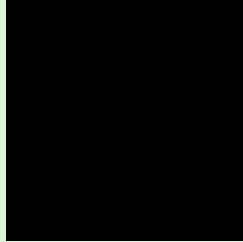
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

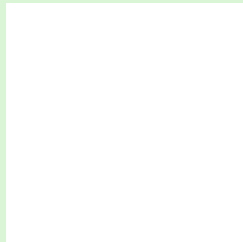
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.0653, 0.3137, 0.3621

Background



This preview shows how black text looks on a background with the Yxy color 85.0653, 0.3137, 0.3621.

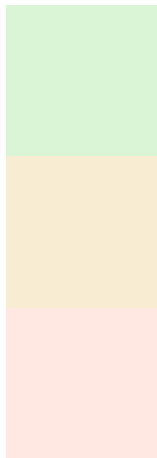


This preview shows how white text looks on a background with the Yxy color 85.0653, 0.3137, 0.3621.

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

85.0653, 0.3137, 0.3621

Protanopia

84.6005, 0.3376, 0.3555

Deuteranopia

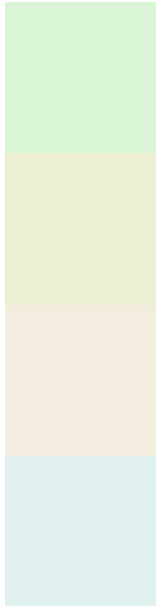
84.4642, 0.3325, 0.3350



Tritanopia

85.2839, 0.2955, 0.3127

Trichromacy



Original Color

85.0653, 0.3137, 0.3621

Protanomaly

84.4407, 0.3288, 0.3581

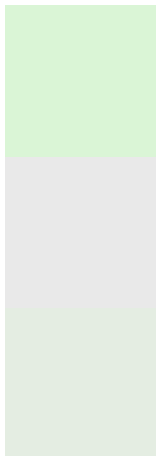
Deuteranomaly

84.7195, 0.3255, 0.3443

Tritanomaly

85.0492, 0.3024, 0.3300

Monochromacy



Original Color

85.0653, 0.3137, 0.3621

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

82.5533, 0.3135, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.0653, 0.3137, 0.3621 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(218, 245, 214)` looks like.

```
.text, #text, p{  
    color:rgb(218, 245, 214)  
}
```

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(218, 245, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 245, 214) }
```

Border

The CSS property to change the border of an element to Yxy 85.0653, 0.3137, 0.3621 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(218, 245, 214) }
```

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

```
.border{ border-color:rgb(218, 245, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 245, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 245, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 245, 214);  
box-shadow:4px 4px 4px 4px rgb(218, 245,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 85.0653, 0.3137, 0.3621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 245, 214) }
```

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

```
.background{ background-color: rgb(218,  
245, 214) }
```

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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