

Converting Colors

$Yxy(85.3611, 0.3307, 0.3879)$

Have a look what the booklet for
Yxy(85.3611, 0.3307, 0.3879)
contains.

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Color

Yxy(85.3611, 0.3307, 0.3879)

Conversions

Conversions Part 1

Format	Color
Hex	DFF6BF
RGB	223, 246, 191
RGB Percent	87%, 96%, 75%
CMY	0.1258, 0.0352, 0.2510
CMYK	0.09, 0.00, 0.22, 0.04
HSL	85°, 75%, 86%
HSV	85°, 22%, 96%
XYZ	72.7737, 85.3611, 61.9248
YIQ	232.8530, 3.9470, -21.9810

Conversions

Conversions Part 2

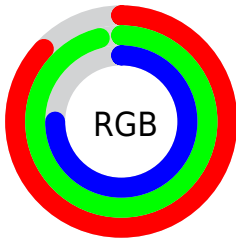
Format	Color
RYB	191, 246, 214
Decimal	14677695
CIELab	94.04, -16.88, 24.02
CIELCh	94, 29.359, 125.105
Yxy	85.3611, 0.3307, 0.3879
Android (android.graphics.Color)	4292867775 (0xFFDFF6BF)
YUV	232.8530, -20.6335, -8.6411
Hunter-Lab	92.3911, -21.0852, 24.9349

Details

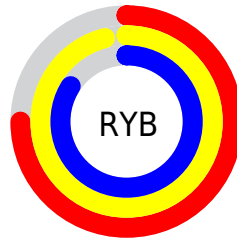
The Yxy color **85.3611, 0.3307, 0.3879** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **58.2226, 0.2913, 0.2691**, and the grayscale version is **81.5184, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **46.8485, 0.3340, 0.4026** is the 20% darker color. If you saturate the color by 10%, you get **82.7813, 0.3383, 0.4166**, and if you desaturate by 10%, it is **88.2303, 0.3227, 0.3604**.

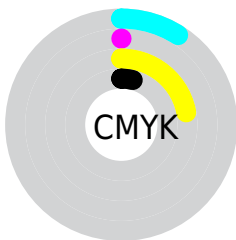
Distribution



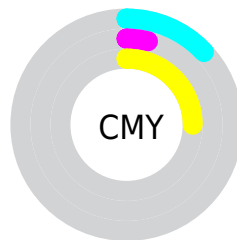
- Red (87%)
- Green (96%)
- Blue (75%)



- Red (75%)
- Yellow (96%)
- Blue (84%)



- Cyan (9%)
- Magenta (0%)
- Yellow (22%)
- Black (4%)





- Cyan (13%)
- Magenta (4%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.3611, 0.3307, 0.3879 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 85.3611, 0.3307, 0.3879 by changing the saturation by 10% instead.


 85.3611, 0.3307,
0.3879

 85.3611, 0.3307,
0.3879

512.8222, 0.3231,
0.3607

 64.1398, 0.3323,
0.3941


 140.8776, 0.3282,
0.3785

 46.7639, 0.3341,
0.4017


175.9415, 0.3272,
0.3748

 32.8491, 0.3363,
0.4113


216.3885, 0.3263,
0.3716

 22.0108, 0.3389,
0.4238

262.6029, 0.3255,
0.3689

 13.8649, 0.3421,
0.4406

314.9690, 0.3248,
0.3665

 8.0267, 0.3456,
0.4644

373.8713, 0.3242,

 4.1121, 0.3490,

0.3643

0.5000

439.6943, 0.3236,
0.3624

■ 1.7364, 0.3829,
0.6125

■ 0.4471, 0.0278,
0.9722

■ 85.3611, 0.3307,
0.3879

■ 85.3611, 0.3307,
0.3879

■ 82.7813, 0.3383,
0.4166

■ 88.2303, 0.3227,
0.3604

■ 80.4689, 0.3450,
0.4458

■ 91.3878, 0.3146,
0.3348

■ 78.4160, 0.3503,
0.4744

■ 94.1998, 0.3124,
0.3204

■ 76.6097, 0.3539,
0.5010

■ 94.4070, 0.3131,
0.3204

■ 75.0360, 0.3553,
0.5241

■ 73.6789, 0.3542,
0.5426

■ 72.5193, 0.3508,
0.5558

■ 71.7464, 0.3470,
0.5627

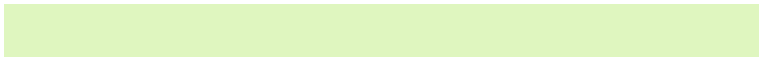
Harmonies

Analogous

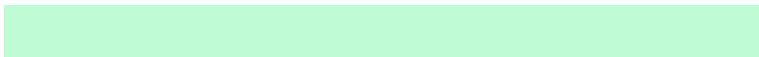
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.3611, 0.3604, 0.3855



85.3611, 0.3307, 0.3879



85.3611, 0.2972, 0.3719

Triad

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



85.3611, 0.3307, 0.3879



85.3611, 0.2514, 0.2863



85.3611, 0.3574, 0.3143

Complementary

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



85.3611, 0.3307, 0.3879



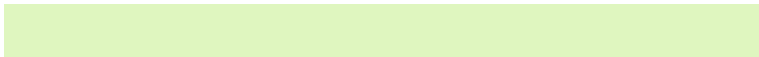
58.2226, 0.2913, 0.2691

Split Complementary

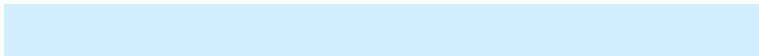
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.3611, 0.3259, 0.2911



85.3611, 0.3307, 0.3879



85.3611, 0.2654, 0.2747

Square

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



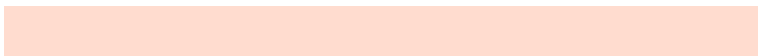
85.3611, 0.3307, 0.3879



85.3611, 0.2526, 0.3106



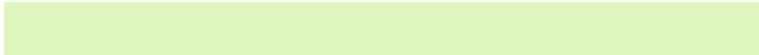
85.3611, 0.2922, 0.2768



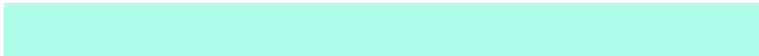
85.3611, 0.3768, 0.3418

Rectangle

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



85.3611, 0.3307, 0.3879



85.3611, 0.2773, 0.3532



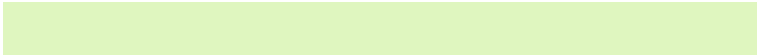
85.3611, 0.2922, 0.2768



85.3611, 0.3478, 0.3058

Sweetspot

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



85.3648, 0.3307, 0.3879



97.5100, 0.3184, 0.3465



71.4124, 0.3534, 0.3532



20.8268, 0.3189, 0.3480



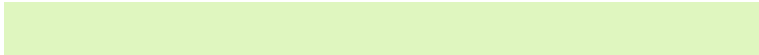
0.0000, 0.0000, 0.0000



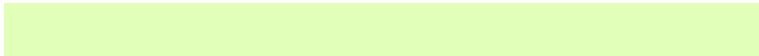
21.4041, 0.3127, 0.3290

Same Dimension

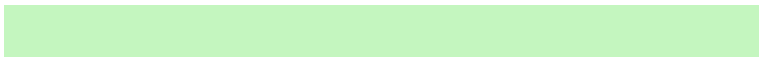
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.3648, 0.3307, 0.3879



91.2573, 0.3343, 0.4012



81.3674, 0.3127, 0.3913



18.9469, 0.3204, 0.3528



38.3708, 0.3481, 0.5618



3.4328, 0.3568, 0.5549

Inverse Universe

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



58.2226, 0.2913, 0.2691



56.8550, 0.2859, 0.2552



62.6914, 0.3118, 0.2727



16.2665, 0.3045, 0.3050



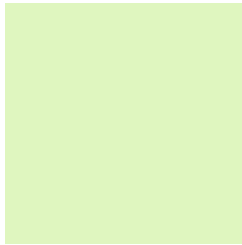
5.1765, 0.1877, 0.0807



0.5140, 0.2016, 0.0884

Previews

White Background



This preview shows how the Yxy color 85.3611, 0.3307, 0.3879 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 85.3611, 0.3307, 0.3879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

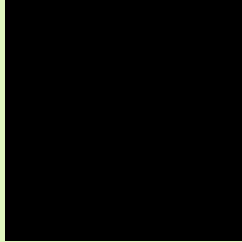
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

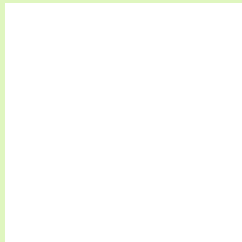
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.3611, 0.3307, 0.3879

Background



This preview shows how black text looks on a background with the Yxy color 85.3611, 0.3307, 0.3879.

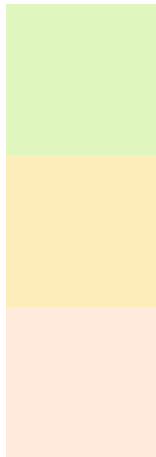


This preview shows how white text looks on a background with the Yxy color 85.3611, 0.3307, 0.3879.

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

85.3611, 0.3307, 0.3879

Protanopia

85.0389, 0.3560, 0.3796

Deuteranopia

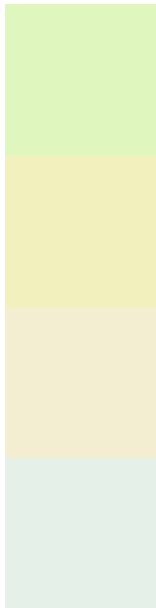
85.2729, 0.3362, 0.3430



Tritanopia

85.1120, 0.2993, 0.3109

Trichromacy



Original Color

85.3611, 0.3307, 0.3879

Protanomaly

84.8283, 0.3468, 0.3828

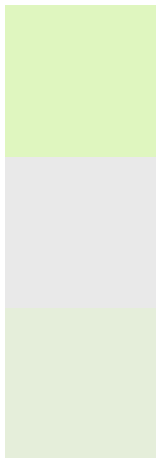
Deuteranomaly

84.8072, 0.3344, 0.3588

Tritanomaly

84.8044, 0.3104, 0.3373

Monochromacy



Original Color

85.3611, 0.3307, 0.3879

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

82.8690, 0.3191, 0.3500

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.3611, 0.3307, 0.3879 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(223, 246, 191)` looks like.

```
.text, #text, p{  
    color:rgb(223, 246, 191)  
}
```

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(223, 246, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 246, 191) }
```

Border

The CSS property to change the border of an element to Yxy 85.3611, 0.3307, 0.3879 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(223, 246, 191) }
```

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

```
.border{ border-color:rgb(223, 246, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 246, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 246, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 246, 191);  
box-shadow:4px 4px 4px 4px rgb(223, 246,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 85.3611, 0.3307, 0.3879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 246, 191) }
```

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

```
.background{ background-color: rgb(223,  
246, 191) }
```

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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