

Converting Colors

$Yxy(85.9545, 0.3272, 0.4110)$

Have a look what the booklet for
Yxy(85.9545, 0.3272, 0.4110)
contains.

Yxy(86.0605, 0.3274, 0.4115)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(86.0605, 0.3274, 0.4115)

Conversions

Conversions Part 1

Format	Color
Hex	CFFCB1
RGB	207, 252, 177
RGB Percent	81%, 99%, 69%
CMY	0.1884, 0.0117, 0.3058
CMYK	0.18, 0.00, 0.30, 0.01
HSL	96°, 93%, 84%
HSV	96°, 30%, 99%
XYZ	68.4720, 86.0605, 54.6061
YIQ	229.9950, -2.7450, -32.8650

Conversions

Conversions Part 2

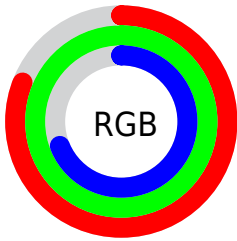
Format	Color
RYB	177, 252, 222
Decimal	13630641
CIELab	94.34, -27.37, 31.34
CIELCh	94, 41.609, 131.135
Yxy	86.0605, 0.3274, 0.4115
Android (android.graphics.Color)	4291820721 (0xFFCFFCB1)
YUV	229.9950, -26.1265, -20.1666
Hunter-Lab	92.7688, -30.5959, 30.0386

Details

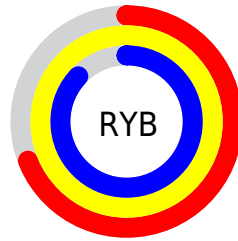
The Yxy color **86.0605, 0.3274, 0.4115** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **54.0212, 0.2928, 0.2493**, and the grayscale version is **79.3236, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6632, 0.3256, 0.3503**, and **47.1608, 0.3296, 0.4306** is the 20% darker color. If you saturate the color by 10%, you get **83.0737, 0.3313, 0.4428**, and if you desaturate by 10%, it is **89.4494, 0.3228, 0.3816**.

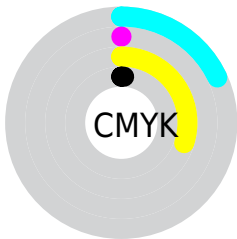
Distribution



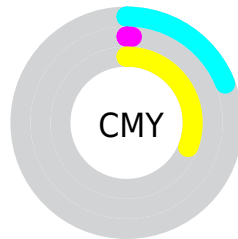
- Red (81%)
- Green (99%)
- Blue (69%)



- Red (69%)
- Yellow (99%)
- Blue (87%)



- Cyan (18%)
- Magenta (0%)
- Yellow (30%)
- Black (1%)



- Cyan (19%)
- Magenta (1%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.0605, 0.3274, 0.4115 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 86.0605, 0.3274, 0.4115 by changing the saturation by 10% instead.


 86.0605, 0.3274,
0.4115

 86.0605, 0.3274,
0.4115


515.1307, 0.3218,
0.3729

 64.7180, 0.3284,
0.4203


 141.8539, 0.3257,
0.3981

 47.2325, 0.3294,
0.4313


177.0736, 0.3250,
0.3929

 33.2195, 0.3304,
0.4451


217.6878, 0.3243,
0.3884

 22.2946, 0.3313,
0.4630

264.0810, 0.3237,
0.3845

 14.0735, 0.3317,
0.4872

316.6375, 0.3232,
0.3811

 8.1718, 0.3306,
0.5213


375.7416, 0.3227,


 4.2051, 0.3258,


0.3780

0.5730

441.7779, 0.3222,
0.3753


 1.7889, 0.3197,
0.6803

 0.4803, 0.0000,
1.0000


 86.0605, 0.3274,
0.4115


 86.0605, 0.3274,
0.4115


 83.0737, 0.3313,
0.4428


 89.4494, 0.3228,
0.3816


 80.4616, 0.3341,
0.4743

 93.2443, 0.3178,
0.3538

 78.2109, 0.3355,
0.5047

 97.4632, 0.3126,
0.3284

 76.3024, 0.3350,
0.5320

 98.1090, 0.3128,
0.3262

■ 74.7151, 0.3326,
0.5546

■ 73.4248, 0.3284,
0.5711

■ 72.3967, 0.3229,
0.5817

■ 72.3742, 0.3227,
0.5819

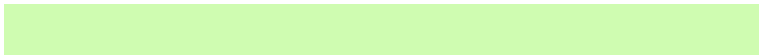
Harmonies

Analogous

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



86.0605, 0.3716, 0.4114



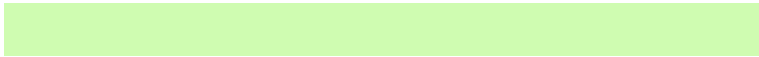
86.0605, 0.3274, 0.4115



86.0605, 0.2813, 0.3836

Triad

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



86.0605, 0.3274, 0.4115



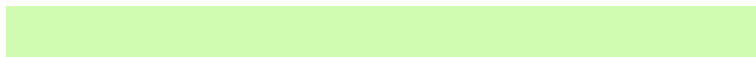
86.0605, 0.2303, 0.2641



86.0605, 0.3834, 0.3151

Complementary

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



86.0605, 0.3274, 0.4115



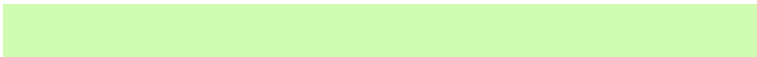
54.0212, 0.2928, 0.2493

Split Complementary

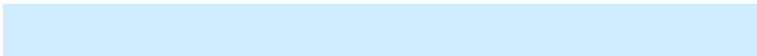
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.0605, 0.3405, 0.2822



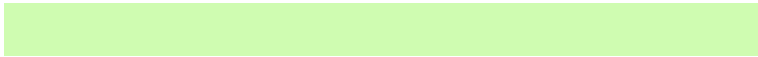
86.0605, 0.3274, 0.4115



86.0605, 0.2530, 0.2531

Square

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



86.0605, 0.3274, 0.4115



86.0605, 0.2276, 0.2937



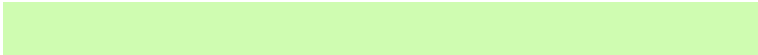
86.0605, 0.2924, 0.2601



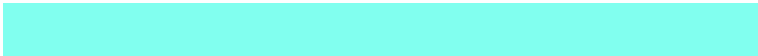
86.0605, 0.4061, 0.3528

Rectangle

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



86.0605, 0.3274, 0.4115



86.0605, 0.2556, 0.3539



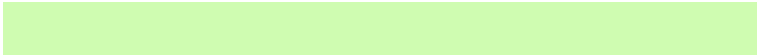
86.0605, 0.2924, 0.2601



86.0605, 0.3707, 0.3033

Sweetspot

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



86.0642, 0.3274, 0.4115



96.0875, 0.3174, 0.3518



76.1237, 0.3661, 0.3755



20.4385, 0.3181, 0.3557



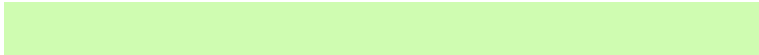
0.0000, 0.0000, 0.0000



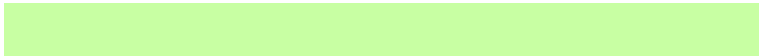
21.4041, 0.3127, 0.3290

Same Dimension

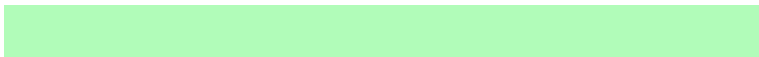
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.0642, 0.3274, 0.4115



86.4310, 0.3300, 0.4310



82.4608, 0.3046, 0.4074



19.6473, 0.3176, 0.3531



37.7761, 0.3239, 0.5810



3.5585, 0.3332, 0.5737

Inverse Universe

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



54.0212, 0.2928, 0.2493



48.4441, 0.2874, 0.2313



58.7125, 0.3219, 0.2615



17.1587, 0.3074, 0.3052



7.1953, 0.2232, 0.1003



0.7280, 0.2346, 0.1066

Previews

White Background



This preview shows how the Yxy color 86.0605, 0.3274, 0.4115 looks on a white background.

Color Contrast Check

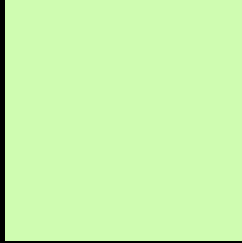
Large Text (above 18pt) WCAG AA × Fail

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 86.0605, 0.3274, 0.4115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

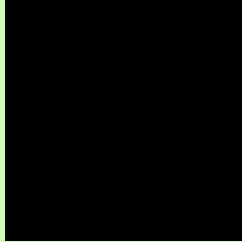
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

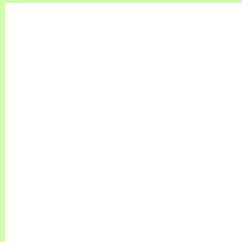
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.0605, 0.3274, 0.4115

Background



This preview shows how black text looks on a background with the Yxy color 86.0605, 0.3274, 0.4115.

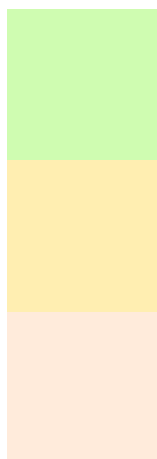


This preview shows how white text looks on a background with the Yxy color 86.0605, 0.3274, 0.4115.

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

86.0605, 0.3274, 0.4115

Protanopia

85.5834, 0.3638, 0.3904

Deuteranopia

85.7911, 0.3367, 0.3450



Tritanopia

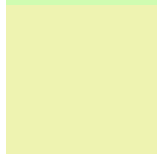
86.1381, 0.2943, 0.3147

Trichromacy



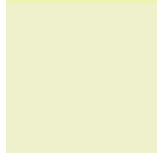
Original Color

86.0605, 0.3274, 0.4115



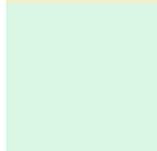
Protanomaly

85.4527, 0.3503, 0.3978



Deuteranomaly

85.4474, 0.3337, 0.3674



Tritanomaly

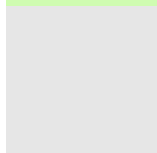
85.7563, 0.3061, 0.3480

Monochromacy



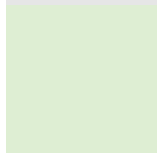
Original Color

86.0605, 0.3274, 0.4115



Achromatopsia

79.1298, 0.3127, 0.3290



Achromatomaly

81.3818, 0.3187, 0.3579

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.0605, 0.3274, 0.4115 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(207, 252, 177)` looks like.

```
.text, #text, p{  
    color:rgb(207, 252, 177)  
}
```

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(207, 252, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 252, 177) }
```

Border

The CSS property to change the border of an element to Yxy 86.0605, 0.3274, 0.4115 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(207, 252, 177) }
```

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

```
.border{ border-color:rgb(207, 252, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 252, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 252, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 252, 177);  
box-shadow:4px 4px 4px 4px rgb(207, 252,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 86.0605, 0.3274, 0.4115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 252, 177) }
```

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

```
.background{ background-color: rgb(207,  
252, 177) }
```

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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