

Converting Colors

Yxy(86.3476, 0.3349, 0.4391)

Have a look what the booklet for
Yxy(86.3476, 0.3349, 0.4391)
contains.

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Color

Yxy(86.3378, 0.3345, 0.4386)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C9FF9C |
| RGB | 201, 255, 156 |
| RGB Percent | 79%, 100%, 61% |
| CMY | 0.2119, 0.0000, 0.3881 |
| CMYK | 0.21, 0.00, 0.39, 0.00 |
| HSL | 93°, 100%, 81% |
| HSV | 93°, 39%, 100% |
| XYZ | 65.8459, 86.3378, 44.6649 |
| YIQ | 227.5680, -0.4050, -42.2370 |

Conversions

Conversions Part 2

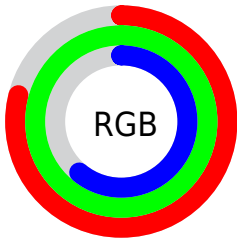
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 156, 255, 210 |
| Decimal | 13238172 |
| CIELab | 94.46, -33.69, 41.84 |
| CIElCh | 94, 53.714, 128.841 |
| Yxy | 86.3378, 0.3345, 0.4386 |
| Android (android.graphics.Color) | 4291428252 (0xFFC9FF9C) |
| YUV | 227.5680, -35.2830, -23.3001 |
| Hunter-Lab | 92.9181, -36.1138, 36.5425 |

Details

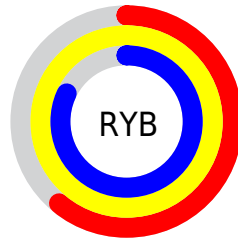
The Yxy color **86.3378, 0.3345, 0.4386** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **44.7232, 0.2806, 0.2219**, and the grayscale version is **77.5110, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5335, 0.3382, 0.3711**, and **47.3872, 0.3369, 0.4651** is the 20% darker color. If you saturate the color by 10%, you get **83.7179, 0.3383, 0.4694**, and if you desaturate by 10%, it is **89.3100, 0.3296, 0.4080**.

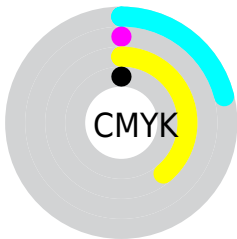
Distribution



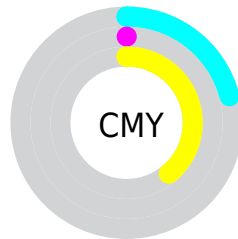
- Red (79%)
- Green (100%)
- Blue (61%)



- Red (61%)
- Yellow (100%)
- Blue (82%)



- Cyan (21%)
- Magenta (0%)
- Yellow (39%)
- Black (0%)



- Cyan (21%)
- Magenta (0%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.3378, 0.3345, 0.4386 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 86.3378, 0.3345, 0.4386 by changing the saturation by 10% instead.

 86.3378, 0.3345,
0.4386


 86.3378, 0.3345,
0.4386

516.0444, 0.3266,
0.3872

 64.9473, 0.3357,
0.4504


 142.2408, 0.3322,
0.4207

 47.4184, 0.3369,
0.4648


 177.5221, 0.3312,
0.4138

 33.3665, 0.3379,
0.4830


218.2025, 0.3303,
0.4078

 22.4074, 0.3382,
0.5064

264.6664, 0.3294,
0.4026

 14.1565, 0.3372,
0.5373

317.2981, 0.3286,
0.3980

 8.2296, 0.3324,
0.5794

376.4821, 0.3279,

 4.2422, 0.3318,

0.3940

0.6646

442.6027, 0.3272,
0.3904

■ 1.8100, 0.2785,
0.7215

■ 0.4934, 0.0000,
1.0000

■ 86.3378, 0.3345,
0.4386

■ 86.3378, 0.3345,
0.4386

■ 83.7179, 0.3383,
0.4694

■ 89.3100, 0.3296,
0.4080

■ 81.4401, 0.3406,
0.4991

■ 92.6553, 0.3240,
0.3786

■ 79.4849, 0.3409,
0.5259

■ 96.3856, 0.3180,
0.3512

■ 77.8328, 0.3392,
0.5482

100.0000, 0.3127,
0.3290

■ 76.4611, 0.3354,
0.5649

■ 75.3395, 0.3299,
0.5757

■ 75.2182, 0.3292,
0.5768

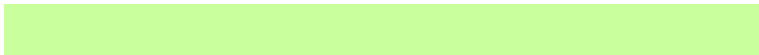
Harmonies

Analogous

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



86.3378, 0.3903, 0.4328



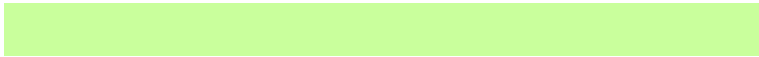
86.3378, 0.3345, 0.4386



86.3378, 0.2757, 0.4049

Triad

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



86.3378, 0.3345, 0.4386



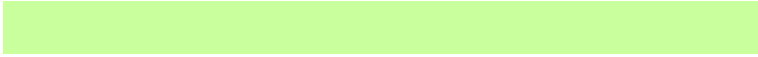
86.3378, 0.2080, 0.2480



86.3378, 0.4005, 0.3069

Complementary

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



86.3378, 0.3345, 0.4386



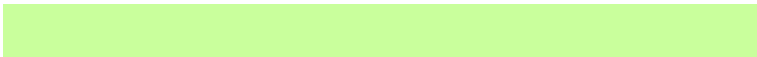
44.7232, 0.2806, 0.2219

Split Complementary

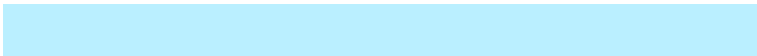
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.3378, 0.3431, 0.2674



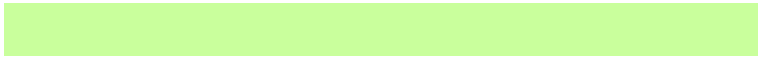
86.3378, 0.3345, 0.4386



86.3378, 0.2340, 0.2338

Square

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



86.3378, 0.3345, 0.4386



86.3378, 0.2063, 0.2860



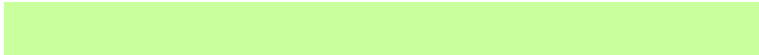
86.3378, 0.2817, 0.2414



86.3378, 0.4323, 0.3532

Rectangle

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



86.3378, 0.3345, 0.4386



86.3378, 0.2428, 0.3658



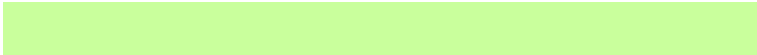
86.3378, 0.2817, 0.2414



86.3378, 0.3833, 0.2926

Sweetspot

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



86.3358, 0.3345, 0.4386



95.1516, 0.3200, 0.3598



69.1746, 0.3882, 0.3836



20.2608, 0.3207, 0.3633



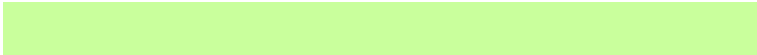
0.0000, 0.0000, 0.0000



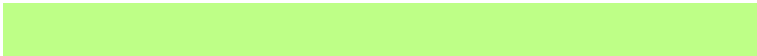
21.4041, 0.3127, 0.3290

Same Dimension

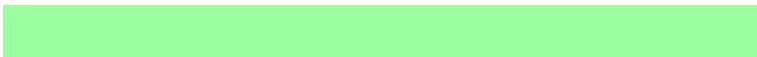
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.3358, 0.3345, 0.4386



84.1652, 0.3377, 0.4639



81.1074, 0.3055, 0.4443



20.5720, 0.3185, 0.3531



39.3892, 0.3304, 0.5759



3.8991, 0.3392, 0.5689

Inverse Universe

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



44.7232, 0.2806, 0.2219



36.9494, 0.2716, 0.1979



52.0609, 0.3199, 0.2357



17.8664, 0.3065, 0.3050



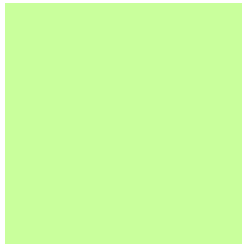
6.7404, 0.2113, 0.0938



0.7212, 0.2231, 0.1003

Previews

White Background



This preview shows how the Yxy color 86.3378, 0.3345, 0.4386 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 86.3378, 0.3345, 0.4386 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

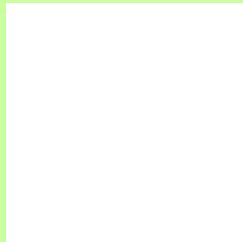
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.3378, 0.3345, 0.4386

Background



This preview shows how black text looks on a background with the Yxy color 86.3378, 0.3345, 0.4386.

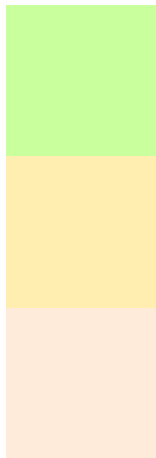


This preview shows how white text looks on a background with the Yxy color 86.3378, 0.3345, 0.4386.

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

86.3378, 0.3345, 0.4386

Protanopia

85.5042, 0.3650, 0.3924

Deuteranopia

85.6864, 0.3380, 0.3470



Tritanopia

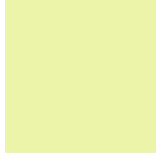
85.8186, 0.2931, 0.3147

Trichromacy



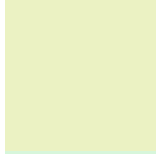
Original Color

86.3378, 0.3345, 0.4386



Protanomaly

85.1907, 0.3534, 0.4086



Deuteranomaly

85.1066, 0.3371, 0.3782



Tritanomaly

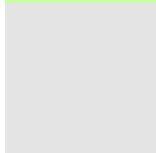
85.4731, 0.3088, 0.3578

Monochromacy



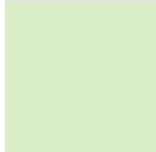
Original Color

86.3378, 0.3345, 0.4386



Achromatopsia

77.5822, 0.3127, 0.3290



Achromatomaly

80.3188, 0.3216, 0.3682

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.3378, 0.3345, 0.4386 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(201, 255, 156)` looks like.

```
.text, #text, p{  
    color:rgb(201, 255, 156)  
}
```

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(201, 255, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 255, 156) }
```

Border

The CSS property to change the border of an element to Yxy 86.3378, 0.3345, 0.4386 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(201, 255, 156) }
```

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

```
.border{ border-color:rgb(201, 255, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 255, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 255, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 255, 156);  
box-shadow:4px 4px 4px 4px rgb(201, 255,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 86.3378, 0.3345, 0.4386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 255, 156) }
```

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

```
.background{ background-color: rgb(201,  
255, 156) }
```

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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