

Converting Colors

$Yxy(86.3041, 0.3351, 0.4397)$

Have a look what the booklet for
Yxy(86.3041, 0.3351, 0.4397)
contains.

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Color

Yxy(86.3041, 0.3351, 0.4397)

Conversions

Conversions Part 1

Format	Color
Hex	C9FF9B
RGB	201, 255, 155
RGB Percent	79%, 100%, 61%
CMY	0.2116, 0.0000, 0.3921
CMYK	0.21, 0.00, 0.39, 0.00
HSL	92°, 100%, 80%
HSV	92°, 39%, 100%
XYZ	65.7733, 86.3041, 44.2021
YIQ	227.4540, -0.0840, -42.5480

Conversions

Conversions Part 2

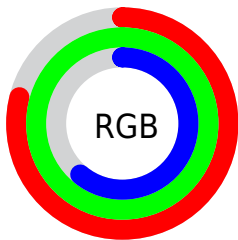
Format	Color
RYB	155, 255, 209
Decimal	13238171
CIELab	94.44, -33.79, 42.33
CIELCh	94, 54.160, 128.598
Yxy	86.3041, 0.3351, 0.4397
Android (android.graphics.Color)	4291428251 (0xFFC9FF9B)
YUV	227.4540, -35.7198, -23.2002
Hunter-Lab	92.9000, -36.1969, 36.8196

Details

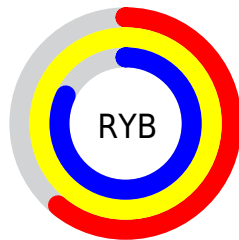
The Yxy color **86.3041, 0.3351, 0.4397** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **44.2115, 0.2796, 0.2206**, and the grayscale version is **77.4376, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4331, 0.3394, 0.3731**, and **47.3672, 0.3375, 0.4665** is the 20% darker color. If you saturate the color by 10%, you get **83.7169, 0.3389, 0.4704**, and if you desaturate by 10%, it is **89.2505, 0.3301, 0.4091**.

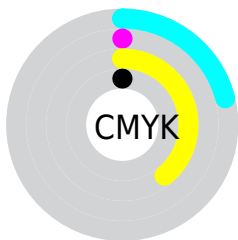
Distribution



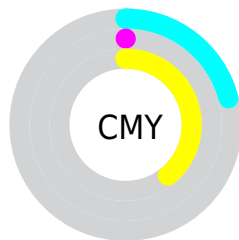
- Red (79%)
- Green (100%)
- Blue (61%)



- 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 86.3041, 0.3351, 0.4397 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 86.3041, 0.3351, 0.4397 by changing the saturation by 10% instead.


 86.3041, 0.3351,
0.4397

 86.3041, 0.3351,
0.4397


515.9334, 0.3270,
0.3877

 64.9195, 0.3363,
0.4516


 142.1938, 0.3328,
0.4216

 47.3958, 0.3376,
0.4662


 177.4676, 0.3317,
0.4146

 33.3486, 0.3386,
0.4845


218.1400, 0.3307,
0.4086

 22.3937, 0.3390,
0.5081

264.5952, 0.3299,
0.4033

 14.1464, 0.3378,
0.5392

317.2178, 0.3290,
0.3987

 8.2226, 0.3330,
0.5814


376.3921, 0.3283,


 4.2377, 0.3324,


0.3946


0.6676


442.5025, 0.3276,
0.3910


 1.8074, 0.2777,
0.7223

 0.4918, 0.0000,
1.0000


 86.3041, 0.3351,
0.4397


 86.3041, 0.3351,
0.4397


 83.7169, 0.3389,
0.4704

 89.2505, 0.3301,
0.4091

 81.4617, 0.3412,
0.4999

 92.5596, 0.3244,
0.3798

 79.5249, 0.3416,
0.5264

 96.2489, 0.3184,
0.3523

 77.8868, 0.3398,
0.5485

99.9971, 0.3127,
0.3290

■ 76.5251, 0.3360,
0.5648

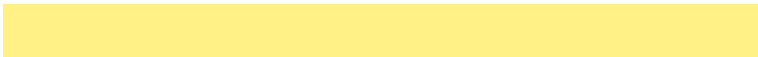
■ 75.4083, 0.3305,
0.5754

■ 75.3282, 0.3300,
0.5761

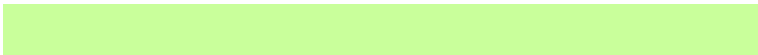
Harmonies

Analogous

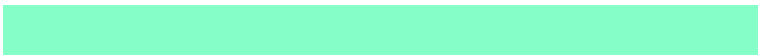
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.3041, 0.3913, 0.4334



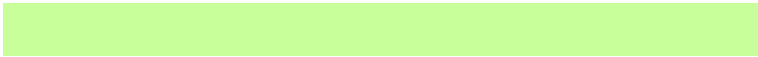
86.3041, 0.3351, 0.4397



86.3041, 0.2758, 0.4060

Triad

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



86.3041, 0.3351, 0.4397



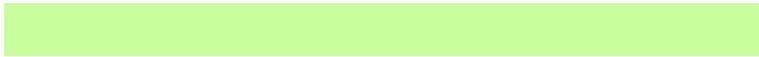
86.3041, 0.2072, 0.2475



86.3041, 0.4009, 0.3063

Complementary

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



86.3041, 0.3351, 0.4397



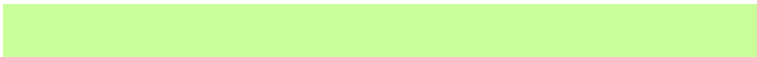
44.2115, 0.2796, 0.2206

Split Complementary

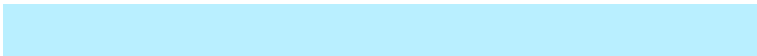
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.3041, 0.3428, 0.2667



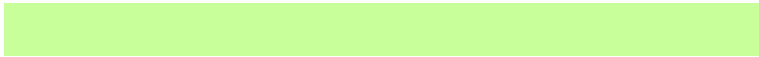
86.3041, 0.3351, 0.4397



86.3041, 0.2331, 0.2331

Square

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



86.3041, 0.3351, 0.4397



86.3041, 0.2056, 0.2860



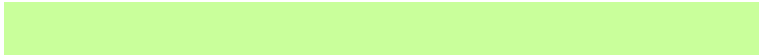
86.3041, 0.2809, 0.2406



86.3041, 0.4332, 0.3530

Rectangle

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



86.3041, 0.3351, 0.4397



86.3041, 0.2425, 0.3666



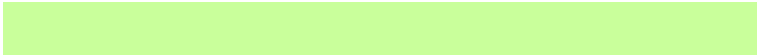
86.3041, 0.2809, 0.2406



86.3041, 0.3834, 0.2920

Sweetspot

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



86.3079, 0.3351, 0.4397



95.1858, 0.3201, 0.3597



68.8997, 0.3892, 0.3842



20.2688, 0.3209, 0.3633



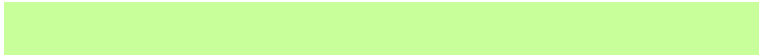
0.0000, 0.0000, 0.0000



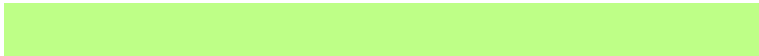
21.4041, 0.3127, 0.3290

Same Dimension

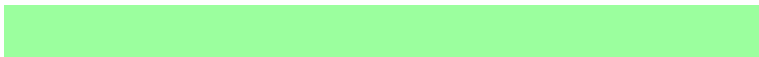
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.3079, 0.3351, 0.4397



84.2643, 0.3382, 0.4637



80.9661, 0.3054, 0.4457



20.5779, 0.3186, 0.3531



39.4487, 0.3312, 0.5752



3.9051, 0.3400, 0.5683

Inverse Universe

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



44.2115, 0.2796, 0.2206



36.8432, 0.2709, 0.1977



51.7097, 0.3200, 0.2348



17.8604, 0.3064, 0.3050



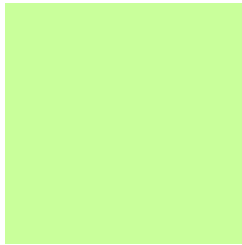
6.6670, 0.2100, 0.0931



0.7141, 0.2218, 0.0996

Previews

White Background



This preview shows how the Yxy color 86.3041, 0.3351, 0.4397 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 86.3041, 0.3351, 0.4397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

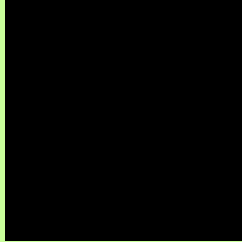
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

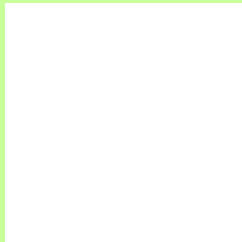
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.3041, 0.3351, 0.4397

Background



This preview shows how black text looks on a background with the Yxy color 86.3041, 0.3351, 0.4397.

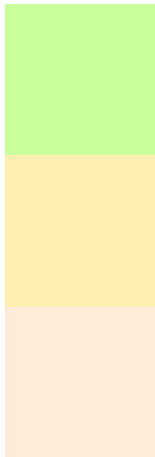


This preview shows how white text looks on a background with the Yxy color 86.3041, 0.3351, 0.4397.

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

86.3041, 0.3351, 0.4397

Protanopia

85.5042, 0.3650, 0.3924

Deuteranopia

85.6345, 0.3387, 0.3480



Tritanopia

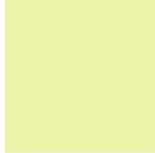
85.8186, 0.2931, 0.3147

Trichromacy



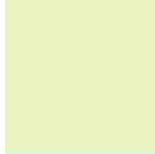
Original Color

86.3041, 0.3351, 0.4397



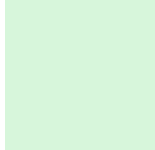
Protanomaly

85.1907, 0.3534, 0.4086



Deuteranomaly

85.0615, 0.3378, 0.3793



Tritanomaly

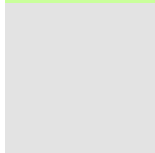
85.4731, 0.3088, 0.3578

Monochromacy



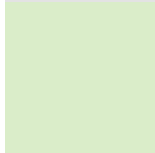
Original Color

86.3041, 0.3351, 0.4397



Achromatopsia

76.8151, 0.3127, 0.3290



Achromatomaly

79.6908, 0.3223, 0.3683

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.3041, 0.3351, 0.4397 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, 155)` looks like.

```
.text, #text, p{  
    color:rgb(201, 255, 155)  
}
```

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, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 255, 155) }
```

Border

The CSS property to change the border of an element to Yxy 86.3041, 0.3351, 0.4397 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, 155) }
```

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

```
.border{ border-color:rgb(201, 255, 155) }
```

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, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 255, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 255, 155);  
box-shadow:4px 4px 4px 4px rgb(201, 255,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 86.3041, 0.3351, 0.4397 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, 155) }
```

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

```
.background{ background-color: rgb(201,  
255, 155) }
```

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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