

Converting Colors

$Yxy(86.1841, 0.3359, 0.4419)$

Have a look what the booklet for
Yxy(86.1841, 0.3359, 0.4419)
contains.

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Color

Yxy(86.2374, 0.3361, 0.4419)

Conversions

Conversions Part 1

Format	Color
Hex	C9FF99
RGB	201, 255, 153
RGB Percent	79%, 100%, 60%
CMY	0.2119, 0.0000, 0.4000
CMYK	0.21, 0.00, 0.40, 0.00
HSL	92°, 100%, 80%
HSV	92°, 40%, 100%
XYZ	65.5904, 86.2374, 43.3236
YIQ	227.2260, 0.5580, -43.1700

Conversions

Conversions Part 2

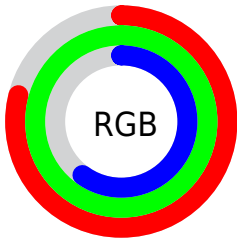
Format	Color
RYB	153, 255, 207
Decimal	13238169
CIELab	94.41, -34.08, 43.27
CIElCh	94, 55.074, 128.223
Yxy	86.2374, 0.3361, 0.4419
Android (android.graphics.Color)	4291428249 (0xFFC9FF99)
YUV	227.2260, -36.5934, -23.0002
Hunter-Lab	92.8641, -36.4367, 37.3445

Details

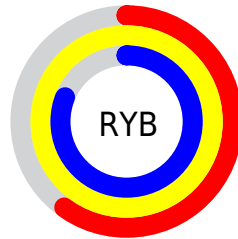
The Yxy color **86.2374, 0.3361, 0.4419** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **43.2718, 0.2780, 0.2180**, and the grayscale version is **77.2520, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3341, 0.3406, 0.3751**, and **47.3280, 0.3387, 0.4691** is the 20% darker color. If you saturate the color by 10%, you get **83.6883, 0.3400, 0.4724**, and if you desaturate by 10%, it is **89.1222, 0.3310, 0.4114**.

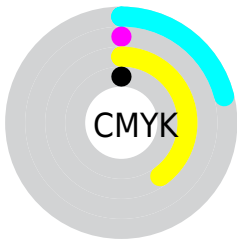
Distribution



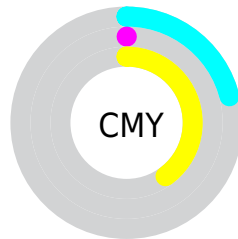
- Red (79%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (81%)



- Cyan (21%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)



- Cyan (21%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.2374, 0.3361, 0.4419 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 86.2374, 0.3361, 0.4419 by changing the saturation by 10% instead.


 86.2374, 0.3361,
0.4419

 86.2374, 0.3361,
0.4419


515.7137, 0.3276,
0.3889

 64.8643, 0.3374,
0.4540

 142.1007, 0.3337,
0.4235

 47.3511, 0.3387,
0.4689


 177.3597, 0.3326,
0.4163

 33.3133, 0.3397,
0.4875

218.0162, 0.3316,
0.4102

 22.3665, 0.3401,
0.5115

264.4545, 0.3306,
0.4048

 14.1265, 0.3389,
0.5430

317.0590, 0.3298,
0.4001

 8.2087, 0.3337,
0.5856


376.2141, 0.3290,


 4.2288, 0.3310,


0.3959


0.6690


442.3042, 0.3283,
0.3922


 1.8023, 0.2753,
0.7247

 0.4886, 0.0000,
1.0000


 86.2374, 0.3361,
0.4419


 86.2374, 0.3361,
0.4419


 83.6883, 0.3400,
0.4724


 89.1222, 0.3310,
0.4114

 81.4725, 0.3423,
0.5016

 92.3709, 0.3252,
0.3820

 79.5682, 0.3426,
0.5276

 95.9924, 0.3190,
0.3544

 77.9562, 0.3408,
0.5491

99.9998, 0.3127,
0.3290

■ 76.6139, 0.3368,
0.5649

100.0000, 0.3127,
0.3290

■ 75.5075, 0.3313,
0.5751

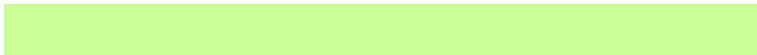
Harmonies

Analogous

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



86.2374, 0.3931, 0.4348



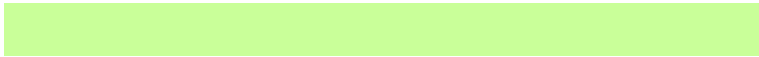
86.2374, 0.3361, 0.4419



86.2374, 0.2758, 0.4081

Triad

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



86.2374, 0.3361, 0.4419



86.2374, 0.2054, 0.2465



86.2374, 0.4018, 0.3053

Complementary

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



86.2374, 0.3361, 0.4419



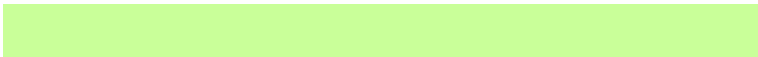
43.2718, 0.2780, 0.2180

Split Complementary

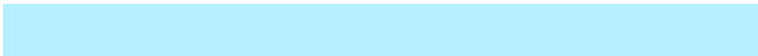
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.2374, 0.3425, 0.2653



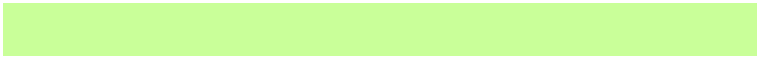
86.2374, 0.3361, 0.4419



86.2374, 0.2313, 0.2317

Square

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



86.2374, 0.3361, 0.4419



86.2374, 0.2041, 0.2858



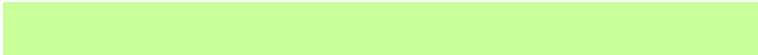
86.2374, 0.2797, 0.2391



86.2374, 0.4350, 0.3525

Rectangle

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



86.2374, 0.3361, 0.4419



86.2374, 0.2419, 0.3680



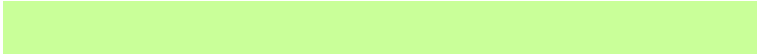
86.2374, 0.2797, 0.2391



86.2374, 0.3839, 0.2908

Sweetspot

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



86.2329, 0.3361, 0.4419



95.2378, 0.3203, 0.3597



67.5578, 0.3918, 0.3837



20.2811, 0.3211, 0.3633



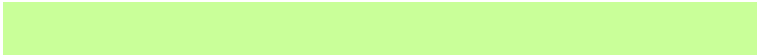
0.0000, 0.0000, 0.0000



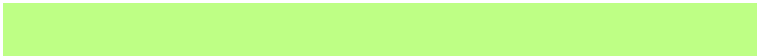
21.4041, 0.3127, 0.3290

Same Dimension

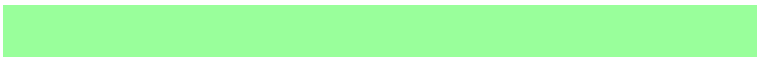
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.2329, 0.3361, 0.4419



84.1705, 0.3393, 0.4664



80.6486, 0.3061, 0.4506



20.5869, 0.3187, 0.3531



39.5415, 0.3325, 0.5742



3.9144, 0.3412, 0.5673

Inverse Universe

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



43.2718, 0.2780, 0.2180



35.8152, 0.2688, 0.1944



51.1530, 0.3187, 0.2316



17.8514, 0.3062, 0.3050



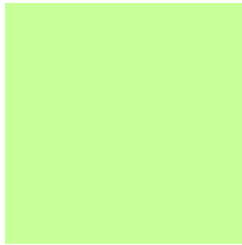
6.5572, 0.2080, 0.0920



0.7035, 0.2199, 0.0985

Previews

White Background



This preview shows how the Yxy color 86.2374, 0.3361, 0.4419 looks on a white background.

Color Contrast Check

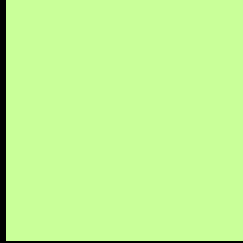
Large Text (above 18pt) WCAG AA × Fail

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 86.2374, 0.3361, 0.4419 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 86.2374, 0.3361, 0.4419

Background



This preview shows how black text looks on a background with the Yxy color 86.2374, 0.3361, 0.4419.

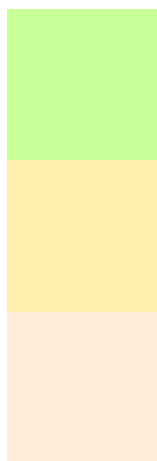


This preview shows how white text looks on a background with the Yxy color 86.2374, 0.3361, 0.4419.

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

86.2374, 0.3361, 0.4419

Protanopia

85.4651, 0.3657, 0.3934

Deuteranopia

85.6345, 0.3387, 0.3480



Tritanopia

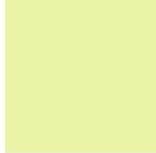
85.8186, 0.2931, 0.3147

Trichromacy



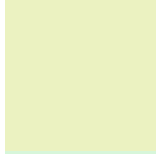
Original Color

86.2374, 0.3361, 0.4419



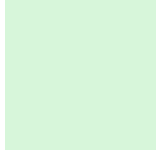
Protanomaly

85.1167, 0.3546, 0.4107



Deuteranomaly

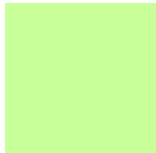
85.0167, 0.3384, 0.3803



Tritanomaly

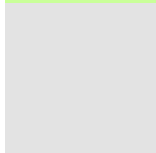
85.4206, 0.3094, 0.3589

Monochromacy



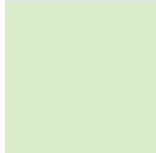
Original Color

86.2374, 0.3361, 0.4419



Achromatopsia

76.8151, 0.3127, 0.3290



Achromatomaly

79.6439, 0.3229, 0.3694

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.2374, 0.3361, 0.4419 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, 153)` looks like.

```
.text, #text, p{  
    color:rgb(201, 255, 153)  
}
```

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, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 255, 153) }
```

Border

The CSS property to change the border of an element to Yxy 86.2374, 0.3361, 0.4419 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, 153) }
```

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

```
.border{ border-color:rgb(201, 255, 153) }
```

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, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 255, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 255, 153);  
box-shadow:4px 4px 4px 4px rgb(201, 255,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 86.2374, 0.3361, 0.4419 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, 153) }
```

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

```
.background{ background-color: rgb(201,  
255, 153) }
```

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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