

Converting Colors

Yxy(89.3824, 0.3153, 0.3872)

Have a look what the booklet for
Yxy(89.3824, 0.3153, 0.3872)
contains.

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Color

Yxy(89.4387, 0.3155, 0.3872)

Conversions

Conversions Part 1

Format	Color
Hex	D2FFC9
RGB	210, 255, 201
RGB Percent	82%, 100%, 79%
CMY	0.1765, 0.0000, 0.2118
CMYK	0.18, 0.00, 0.21, 0.00
HSL	110°, 100%, 89%
HSV	110°, 21%, 100%
XYZ	72.8768, 89.4387, 68.6728
YIQ	235.3890, -9.4860, -26.3340

Conversions

Conversions Part 2

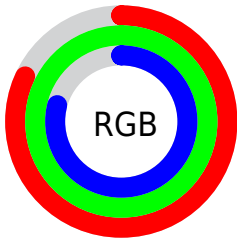
Format	Color
R _Y B	201, 255, 246
Decimal	13828041
CIE Lab	95.76, -24.10, 21.18
CIE LCh	96, 32.086, 138.694
Yxy	89.4387, 0.3155, 0.3872
Android (android.graphics.Color)	4292018121 (0xFFD2FFC9)
YUV	235.3890, -16.9538, -22.2662
Hunter-Lab	94.5720, -27.9497, 23.1474

Details

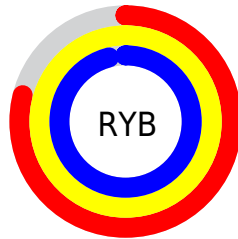
The Yxy color **89.4387, 0.3155, 0.3872** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **68.5816, 0.3086, 0.2751**, and the grayscale version is **83.5221, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.4633, 0.3155, 0.4004** is the 20% darker color. If you saturate the color by 10%, you get **85.4194, 0.3163, 0.4192**, and if you desaturate by 10%, it is **94.0666, 0.3143, 0.3580**.

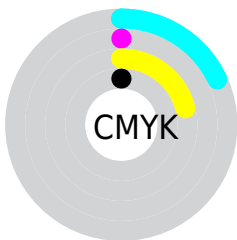
Distribution



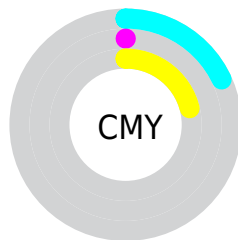
- Red (82%)
- Green (100%)
- Blue (79%)



- Red (79%)
- Yellow (100%)
- Blue (96%)



- Cyan (18%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)




- Cyan (18%)
- Magenta (0%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.4387, 0.3155, 0.3872 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 89.4387, 0.3155, 0.3872 by changing the saturation by 10% instead.

 89.4387, 0.3155,
0.3872

 89.4387, 0.3155,
0.3872


526.2033, 0.3148,
0.3603

 67.5152, 0.3155,
0.3933

146.5585, 0.3154,
0.3779

 49.5034, 0.3155,
0.4009

182.5235, 0.3153,
0.3743

 35.0190, 0.3154,
0.4104

223.9379, 0.3152,
0.3711

 23.6775, 0.3151,
0.4228

271.1860, 0.3151,
0.3684

 15.0946, 0.3143,
0.4396

324.6522, 0.3150,
0.3660

 8.8858, 0.3126,
0.4635

384.7209, 0.3149,

 4.6668, 0.3087,

0.3639

0.4999

451.7764, 0.3148,
0.3620

■ 2.0531, 0.3063,
0.5761

■ 0.6380, 0.0275,
0.9725

■ 89.4387, 0.3155,
0.3872

■ 89.4387, 0.3155,
0.3872

■ 85.4194, 0.3163,
0.4192

■ 94.0666, 0.3143,
0.3580

■ 81.9899, 0.3167,
0.4531

■ 99.3348, 0.3129,
0.3319

■ 79.1199, 0.3163,
0.4877

■ 100.0000, 0.3127,
0.3290

■ 76.7791, 0.3152,
0.5208

■ 74.9344, 0.3132,
0.5502

■ 73.5486, 0.3104,
0.5735

■ 72.5791, 0.3071,
0.5890

■ 72.0225, 0.3043,
0.5966

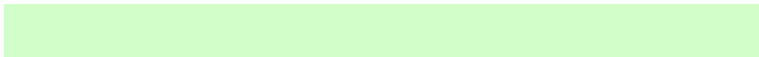
Harmonies

Analogous

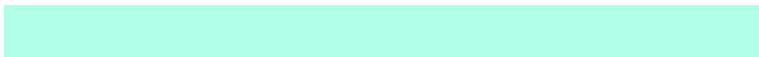
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.4387, 0.3505, 0.3935



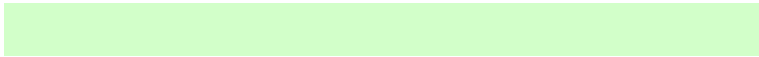
89.4387, 0.3155, 0.3872



89.4387, 0.2810, 0.3621

Triad

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



89.4387, 0.3155, 0.3872



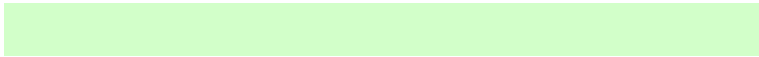
89.4387, 0.2519, 0.2757



89.4387, 0.3725, 0.3262

Complementary

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



89.4387, 0.3155, 0.3872



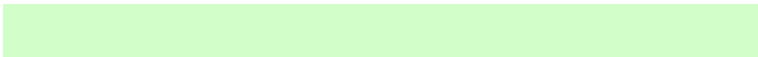
68.5816, 0.3086, 0.2751

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.



89.4387, 0.3432, 0.2987



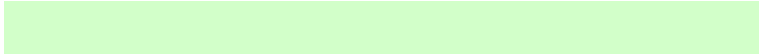
89.4387, 0.3155, 0.3872



89.4387, 0.2735, 0.2701

Square

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



89.4387, 0.3155, 0.3872



89.4387, 0.2456, 0.2958



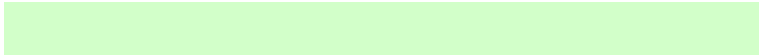
89.4387, 0.3066, 0.2786



89.4387, 0.3848, 0.3558

Rectangle

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



89.4387, 0.3155, 0.3872



89.4387, 0.2628, 0.3392



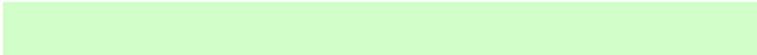
89.4387, 0.3066, 0.2786



89.4387, 0.3642, 0.3165

Sweetspot

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



89.4363, 0.3155, 0.3872



96.7148, 0.3136, 0.3441



91.3870, 0.3465, 0.3737



20.6274, 0.3137, 0.3458



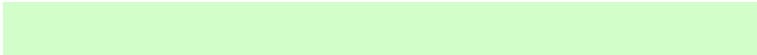
0.0000, 0.0000, 0.0000



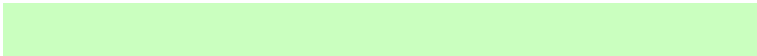
21.4041, 0.3127, 0.3290

Same Dimension

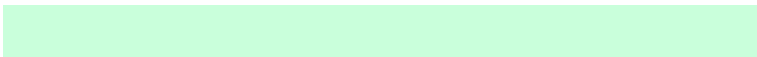
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.4363, 0.3155, 0.3872



87.8311, 0.3159, 0.3991



89.0501, 0.3001, 0.3679



20.3135, 0.3141, 0.3534



37.6756, 0.3050, 0.5961



3.7072, 0.3113, 0.5911

Inverse Universe

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



68.5816, 0.3086, 0.2751



63.8918, 0.3077, 0.2650



69.1426, 0.3281, 0.2931



18.1382, 0.3111, 0.3054



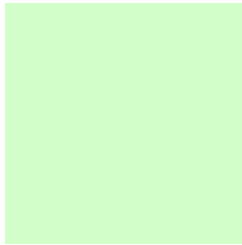
11.1833, 0.2790, 0.1311



1.1277, 0.2840, 0.1338

Previews

White Background



This preview shows how the Yxy color 89.4387, 0.3155, 0.3872 looks on a white background.

Color Contrast Check

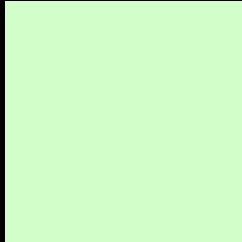
Large Text (above 18pt) WCAG AA × Fail

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 89.4387, 0.3155, 0.3872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

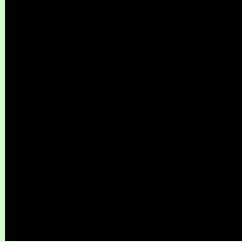
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

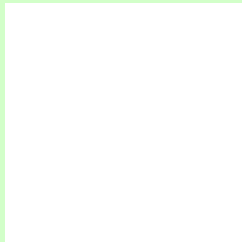
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.4387, 0.3155, 0.3872

Background



This preview shows how black text looks on a background with the Yxy color 89.4387, 0.3155, 0.3872.

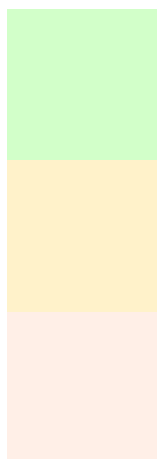


This preview shows how white text looks on a background with the Yxy color 89.4387, 0.3155, 0.3872.

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

89.4387, 0.3155, 0.3872

Protanopia

89.0285, 0.3466, 0.3689

Deuteranopia

88.7625, 0.3284, 0.3369



Tritanopia

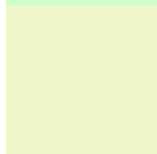
88.9103, 0.2981, 0.3179

Trichromacy



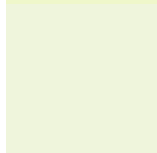
Original Color

89.4387, 0.3155, 0.3872



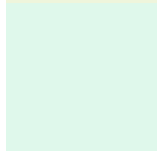
Protanomaly

89.1365, 0.3347, 0.3752



Deuteranomaly

88.8228, 0.3239, 0.3545



Tritanomaly

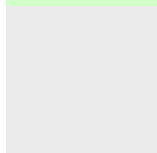
88.8209, 0.3045, 0.3424

Monochromacy



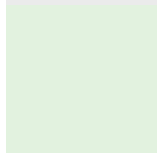
Original Color

89.4387, 0.3155, 0.3872



Achromatopsia

83.0770, 0.3127, 0.3290



Achromatomaly

85.0007, 0.3137, 0.3489

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.4387, 0.3155, 0.3872 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(210, 255, 201)` looks like.

```
.text, #text, p{  
    color:rgb(210, 255, 201)  
}
```

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(210, 255, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 255, 201) }
```

Border

The CSS property to change the border of an element to Yxy 89.4387, 0.3155, 0.3872 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(210, 255, 201) }
```

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

```
.border{ border-color:rgb(210, 255, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 255, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 255, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 255, 201);  
box-shadow:4px 4px 4px 4px rgb(210, 255,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 89.4387, 0.3155, 0.3872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 255, 201) }
```

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

```
.background{ background-color: rgb(210,  
255, 201) }
```

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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