

Converting Colors

$Yxy(88.1799, 0.3099, 0.3880)$

Have a look what the booklet for
Yxy(88.1799, 0.3099, 0.3880)
contains.

Yxy(88.1546, 0.3099, 0.3882)	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(88.1546, 0.3099, 0.3882)

Conversions

Conversions Part 1

Format	Color
Hex	C9FFC9
RGB	201, 255, 201
RGB Percent	79%, 100%, 79%
CMY	0.2121, 0.0000, 0.2118
CMYK	0.21, 0.00, 0.21, 0.00
HSL	120°, 100%, 89%
HSV	120°, 21%, 100%
XYZ	70.3738, 88.1546, 68.5571
YIQ	232.6980, -14.8500, -28.2420

Conversions

Conversions Part 2

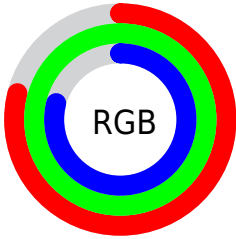
Format	Color
R _Y B	201, 255, 255
Decimal	13238217
CIE Lab	95.23, -27.09, 20.35
CIE LCh	95, 33.879, 143.084
Yxy	88.1546, 0.3099, 0.3882
Android (android.graphics.Color)	4291428297 (0xFFC9FFC9)
YUV	232.6980, -15.6271, -27.7991
Hunter-Lab	93.8907, -30.5177, 22.4311

Details

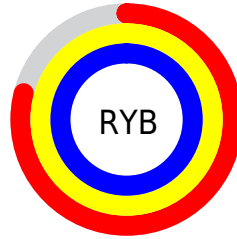
The Yxy color **88.1546, 0.3099, 0.3882** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **70.2146, 0.3152, 0.2762**, and the grayscale version is **81.3554, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.6057, 0.3085, 0.4019** is the 20% darker color. If you saturate the color by 10%, you get **83.7989, 0.3083, 0.4213**, and if you desaturate by 10%, it is **93.2739, 0.3113, 0.3583**.

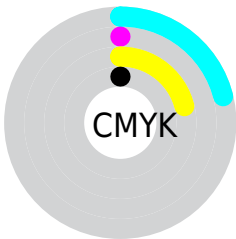
Distribution



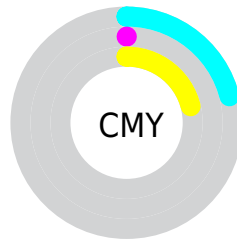
- Red (79%)
- Green (100%)
- Blue (79%)



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



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




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.1546, 0.3099, 0.3882 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 88.1546, 0.3099, 0.3882 by changing the saturation by 10% instead.

 88.1546, 0.3099,
0.3882

 88.1546, 0.3099,
0.3882


522.0094, 0.3117,
0.3607

 66.4511, 0.3094,
0.3945

144.7724, 0.3106,
0.3786

 48.6387, 0.3087,
0.4023


180.4554, 0.3109,
0.3749

 34.3330, 0.3077,
0.4121


221.5672, 0.3111,
0.3717

 23.1495, 0.3062,
0.4250

268.4919, 0.3112,
0.3690

 14.7039, 0.3040,
0.4426

321.6142, 0.3114,
0.3665

 8.6119, 0.3002,
0.4677

381.3182, 0.3115,

 4.4889, 0.2931,

0.3643

0.5064

447.9885, 0.3116,
0.3624

■ 1.9506, 0.2856,
0.5896

■ 0.5786, 0.0000,
1.0000

■ 88.1546, 0.3099,
0.3882

■ 88.1546, 0.3099,
0.3882

■ 83.7989, 0.3083,
0.4213

■ 93.2739, 0.3113,
0.3583

■ 80.2006, 0.3067,
0.4568

■ 99.2254, 0.3126,
0.3319

■ 77.3068, 0.3049,
0.4931

■ 100.0000, 0.3127,
0.3290

■ 75.0714, 0.3033,
0.5277

■ 73.4427, 0.3019,
0.5576

■ 72.3614, 0.3009,
0.5804

■ 71.7561, 0.3002,
0.5943

■ 71.5207, 0.3000,
0.6000

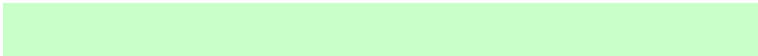
Harmonies

Analogous

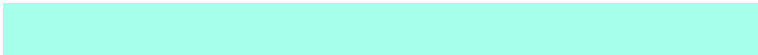
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.1546, 0.3476, 0.3979



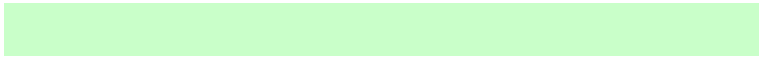
88.1546, 0.3099, 0.3882



88.1546, 0.2744, 0.3591

Triad

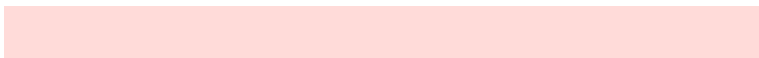
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.1546, 0.3099, 0.3882



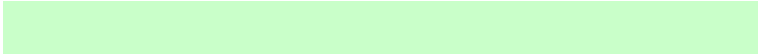
88.1546, 0.2508, 0.2707



88.1546, 0.3794, 0.3305

Complementary

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



88.1546, 0.3099, 0.3882



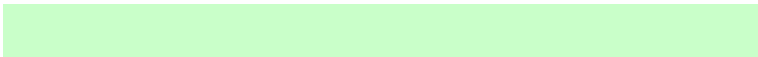
70.2146, 0.3152, 0.2762

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.



88.1546, 0.3504, 0.3008



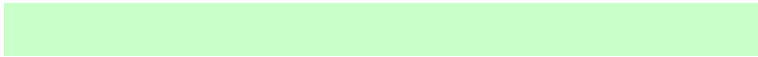
88.1546, 0.3099, 0.3882



88.1546, 0.2757, 0.2672

Square

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



88.1546, 0.3099, 0.3882



88.1546, 0.2417, 0.2896



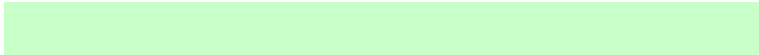
88.1546, 0.3118, 0.2782



88.1546, 0.3892, 0.3615

Rectangle

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



88.1546, 0.3099, 0.3882



88.1546, 0.2565, 0.3342



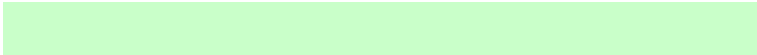
88.1546, 0.3118, 0.2782



88.1546, 0.3715, 0.3201

Sweetspot

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



88.1438, 0.3099, 0.3882



96.2673, 0.3120, 0.3441



96.9936, 0.3448, 0.3821



20.5221, 0.3119, 0.3458



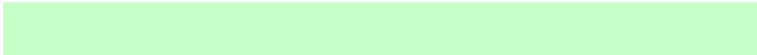
0.0000, 0.0000, 0.0000



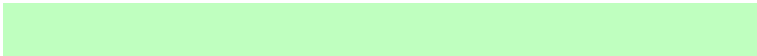
21.4041, 0.3127, 0.3290

Same Dimension

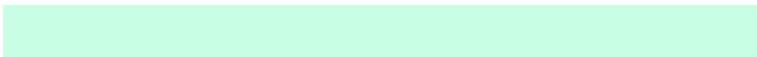
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.1438, 0.3099, 0.3882



86.4047, 0.3093, 0.4004



89.5266, 0.2952, 0.3579



20.1685, 0.3115, 0.3535



37.3712, 0.3000, 0.5999



3.6388, 0.2999, 0.5998

Inverse Universe

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



70.2146, 0.3152, 0.2762



65.8459, 0.3157, 0.2666



68.5981, 0.3348, 0.3018



18.3000, 0.3138, 0.3056



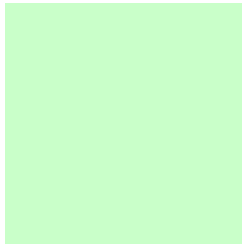
14.8715, 0.3212, 0.1543



1.4481, 0.3212, 0.1543

Previews

White Background



This preview shows how the Yxy color 88.1546, 0.3099, 0.3882 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 88.1546, 0.3099, 0.3882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

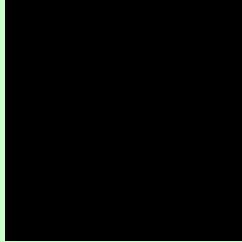
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

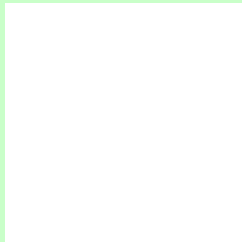
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.1546, 0.3099, 0.3882

Background



This preview shows how black text looks on a background with the Yxy color 88.1546, 0.3099, 0.3882.

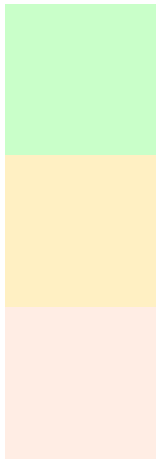


This preview shows how white text looks on a background with the Yxy color 88.1546, 0.3099, 0.3882.

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

88.1546, 0.3099, 0.3882

Protanopia

87.5203, 0.3516, 0.3741

Deuteranopia

87.4298, 0.3306, 0.3379



Tritanopia

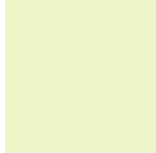
87.9289, 0.2944, 0.3178

Trichromacy



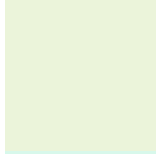
Original Color

88.1546, 0.3099, 0.3882



Protanomaly

86.9982, 0.3354, 0.3790



Deuteranomaly

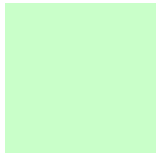
87.4255, 0.3226, 0.3558



Tritanomaly

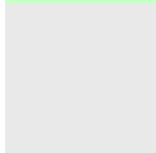
87.7319, 0.3002, 0.3426

Monochromacy



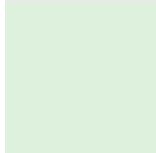
Original Color

88.1546, 0.3099, 0.3882



Achromatopsia

81.4847, 0.3127, 0.3290



Achromatomaly

83.5032, 0.3117, 0.3502

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.1546, 0.3099, 0.3882 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, 201)` looks like.

```
.text, #text, p{  
    color:rgb(201, 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(201, 255, 201) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 88.1546, 0.3099, 0.3882 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, 201) }
```

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

```
.border{ border-color:rgb(201, 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(201, 255, 201) colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 88.1546, 0.3099, 0.3882 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, 201) }
```

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

```
.background{ background-color: rgb(201,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor