

Converting Colors

$Yxy(87.1636, 0.3058, 0.3893)$

Have a look what the booklet for
Yxy(87.1636, 0.3058, 0.3893)
contains.

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Color

Yxy(87.2064, 0.3057, 0.3889)

Conversions

Conversions Part 1

Format	Color
Hex	C2FFC9
RGB	194, 255, 201
RGB Percent	76%, 100%, 79%
CMY	0.2392, 0.0000, 0.2117
CMYK	0.24, 0.00, 0.21, 0.00
HSL	127°, 100%, 88%
HSV	127°, 24%, 100%
XYZ	68.5497, 87.2064, 68.4825
YIQ	230.6050, -19.0220, -29.7260

Conversions

Conversions Part 2

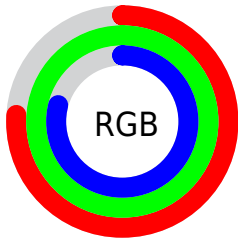
Format	Color
RYB	194, 249, 255
Decimal	12779465
CIELab	94.83, -29.30, 19.72
CIELCh	95, 35.322, 146.060
Yxy	87.2064, 0.3057, 0.3889
Android (android.graphics.Color)	4290969545 (0xFFC2FFC9)
YUV	230.6050, -14.5953, -32.1026
Hunter-Lab	93.3844, -32.3929, 21.8893

Details

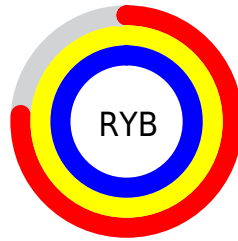
The Yxy color **87.2064, 0.3057, 0.3889** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **66.6165, 0.3206, 0.2757**, and the grayscale version is **79.7216, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **47.9837, 0.3033, 0.4030** is the 20% darker color. If you saturate the color by 10%, you get **83.1312, 0.3028, 0.4189**, and if you desaturate by 10%, it is **92.0154, 0.3087, 0.3617**.

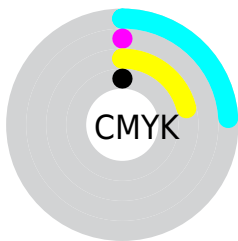
Distribution



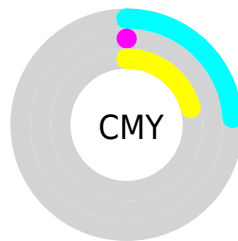
- Red (76%)
- Green (100%)
- Blue (79%)



- Red (76%)
- Yellow (98%)
- Blue (100%)



- Cyan (24%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)




- Cyan (24%)
- Magenta (0%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 87.2064, 0.3057, 0.3889 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 87.2064, 0.3057, 0.3889 by changing the saturation by 10% instead.

 87.2064, 0.3057,
0.3889

 87.2064, 0.3057,
0.3889

518.9009, 0.3094,
0.3610

 65.6660, 0.3047,
0.3953


 143.4518, 0.3071,
0.3792

 48.0013, 0.3035,
0.4033


178.9256, 0.3076,
0.3754

 33.8279, 0.3019,
0.4134


219.8127, 0.3080,
0.3722

 22.7615, 0.2996,
0.4266

266.4974, 0.3084,
0.3693

 14.4175, 0.2962,
0.4447

319.3642, 0.3087,
0.3669

 8.4116, 0.2908,
0.4707

378.7974, 0.3090,

 4.3594, 0.2813,

0.3647

0.5111

445.1815, 0.3092,
0.3627

■ 1.8766, 0.2699,
0.5996

■ 0.5342, 0.0000,
1.0000

■ 87.2064, 0.3057,
0.3889

■ 87.2064, 0.3057,
0.3889

■ 83.1312, 0.3028,
0.4189

■ 92.0154, 0.3087,
0.3617

■ 79.7551, 0.3002,
0.4510

■ 97.5938, 0.3116,
0.3376

■ 77.0381, 0.2980,
0.4841

■ 100.0000, 0.3127,
0.3290

■ 74.9369, 0.2965,
0.5164

■ 73.4029, 0.2959,
0.5455

■ 72.3800, 0.2962,
0.5694

■ 71.8005, 0.2973,
0.5865

■ 71.6104, 0.2981,
0.5933

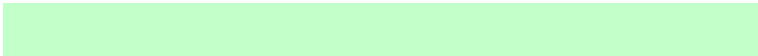
Harmonies

Analogous

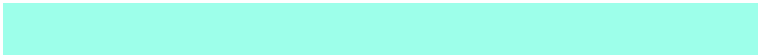
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.2064, 0.3454, 0.4012



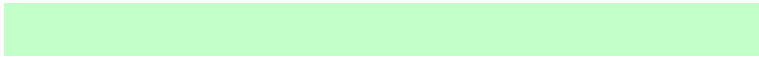
87.2064, 0.3057, 0.3889



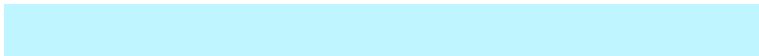
87.2064, 0.2694, 0.3567

Triad

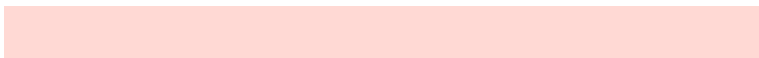
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.2064, 0.3057, 0.3889



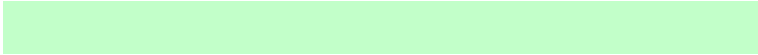
87.2064, 0.2499, 0.2670



87.2064, 0.3846, 0.3336

Complementary

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



87.2064, 0.3057, 0.3889



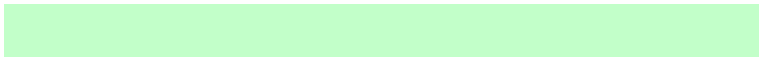
66.6165, 0.3206, 0.2757

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.



87.2064, 0.3558, 0.3023



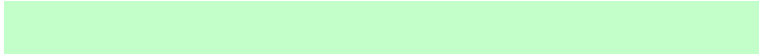
87.2064, 0.3057, 0.3889



87.2064, 0.2773, 0.2651

Square

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



87.2064, 0.3057, 0.3889



87.2064, 0.2387, 0.2851



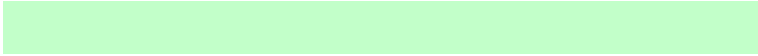
87.2064, 0.3158, 0.2779



87.2064, 0.3925, 0.3658

Rectangle

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



87.2064, 0.3057, 0.3889



87.2064, 0.2517, 0.3304



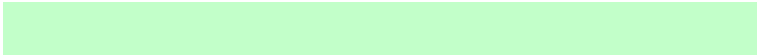
87.2064, 0.3158, 0.2779



87.2064, 0.3770, 0.3228

Sweetspot

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



87.2058, 0.3057, 0.3889



95.7944, 0.3107, 0.3447



95.5359, 0.3449, 0.3898



20.4302, 0.3105, 0.3461



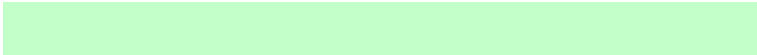
0.0000, 0.0000, 0.0000



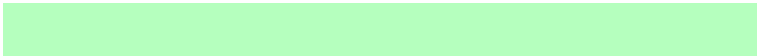
21.4041, 0.3127, 0.3290

Same Dimension

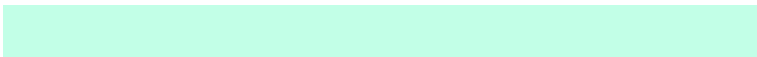
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.2058, 0.3057, 0.3889



85.0481, 0.3042, 0.4038



88.7351, 0.2898, 0.3553



20.2021, 0.3100, 0.3507



37.4287, 0.2977, 0.5918



3.6547, 0.2937, 0.5772

Inverse Universe

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



66.6165, 0.3206, 0.2757



61.0123, 0.3225, 0.2642



64.9229, 0.3431, 0.3042



18.2623, 0.3156, 0.3082



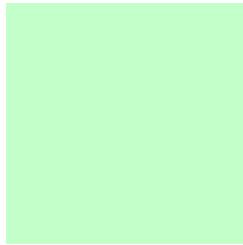
13.9829, 0.3523, 0.1714



1.3713, 0.3482, 0.1692

Previews

White Background



This preview shows how the Yxy color 87.2064, 0.3057, 0.3889 looks on a white background.

Color Contrast Check

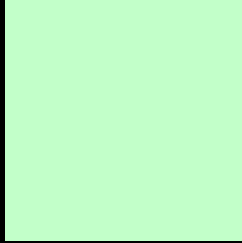
Large Text (above 18pt) WCAG AA × Fail

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 87.2064, 0.3057, 0.3889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

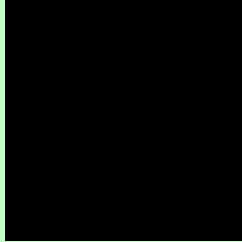
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

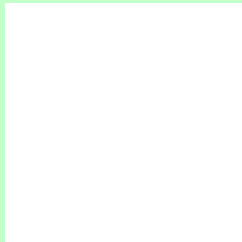
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 87.2064, 0.3057, 0.3889

Background



This preview shows how black text looks on a background with the Yxy color 87.2064, 0.3057, 0.3889.

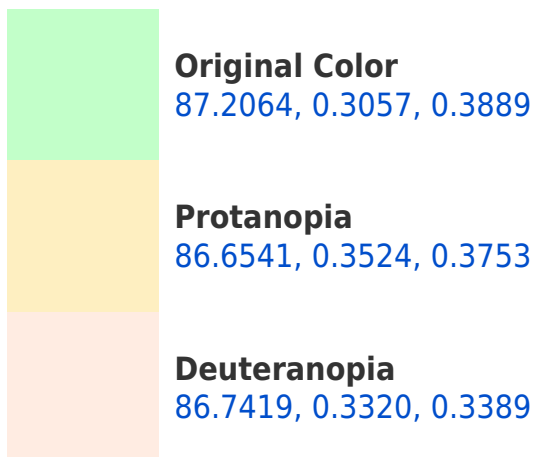


This preview shows how white text looks on a background with the Yxy color 87.2064, 0.3057, 0.3889.

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





Tritanopia

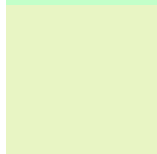
86.6933, 0.2920, 0.3167

Trichromacy



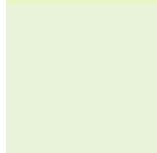
Original Color

87.2064, 0.3057, 0.3889



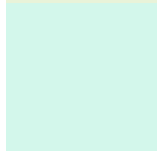
Protanomaly

86.4461, 0.3340, 0.3804



Deuteranomaly

86.4346, 0.3220, 0.3560



Tritanomaly

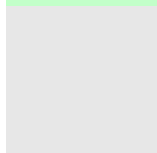
86.3686, 0.2972, 0.3417

Monochromacy



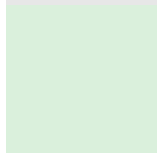
Original Color

87.2064, 0.3057, 0.3889



Achromatopsia

79.9103, 0.3127, 0.3290



Achromatomaly

82.3929, 0.3104, 0.3504

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.2064, 0.3057, 0.3889 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(194, 255, 201)` looks like.

```
.text, #text, p{  
    color:rgb(194, 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(194, 255, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 255, 201) }
```

Border

The CSS property to change the border of an element to Yxy 87.2064, 0.3057, 0.3889 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(194, 255, 201) }
```

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

```
.border{ border-color:rgb(194, 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(194, 255, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 255, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 255, 201);  
box-shadow:4px 4px 4px 4px rgb(194, 255,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 87.2064, 0.3057, 0.3889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 255, 201) }
```

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

```
.background{ background-color: rgb(194,  
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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