

Converting Colors

Yxy(88.8168, 0.2964, 0.3642)

Have a look what the booklet for
Yxy(88.8168, 0.2964, 0.3642)
contains.

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Color

Yxy(88.7997, 0.2967, 0.3647)

Conversions

Conversions Part 1

Format	Color
Hex	C6FFDE
RGB	198, 255, 222
RGB Percent	78%, 100%, 87%
CMY	0.2234, 0.0000, 0.1294
CMYK	0.22, 0.00, 0.13, 0.00
HSL	145°, 100%, 89%
HSV	145°, 22%, 100%
XYZ	72.2426, 88.7997, 82.4447
YIQ	234.1950, -23.3790, -22.3470

Conversions

Conversions Part 2

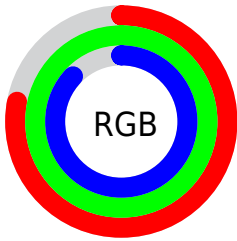
Format	Color
RYB	198, 238, 255
Decimal	13041630
CIELab	95.50, -24.28, 9.95
CIELCh	95, 26.242, 157.730
Yxy	88.7997, 0.2967, 0.3647
Android (android.graphics.Color)	4291231710 (0xFFC6FFDE)
YUV	234.1950, -6.0121, -31.7430
Hunter-Lab	94.2336, -28.0648, 14.0909

Details

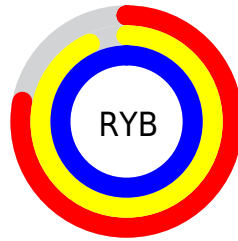
The Yxy color **88.7997, 0.2967, 0.3647** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **67.4389, 0.3328, 0.2958**, and the grayscale version is **82.5030, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.0178, 0.2927, 0.3727** is the 20% darker color. If you saturate the color by 10%, you get **84.8664, 0.2901, 0.3836**, and if you desaturate by 10%, it is **93.3932, 0.3037, 0.3476**.

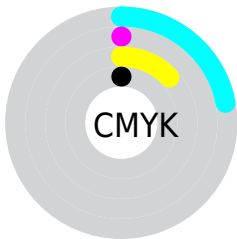
Distribution



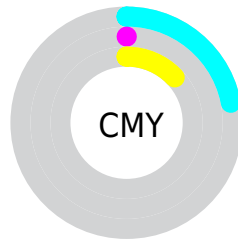
- Red (78%)
- Green (100%)
- Blue (87%)



- Red (78%)
- Yellow (93%)
- Blue (100%)



- Cyan (22%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)



- Cyan (22%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.7997, 0.2967, 0.3647 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 88.7997, 0.2967, 0.3647 by changing the saturation by 10% instead.

 88.7997, 0.2967,
0.3647

 88.7997, 0.2967,
0.3647

524.1185, 0.3041,
0.3483

 66.9856, 0.2950,
0.3684

145.6700, 0.2992,
0.3590

 49.0729, 0.2930,
0.3730


181.4949, 0.3002,
0.3568

 34.6773, 0.2904,
0.3787


222.7589, 0.3011,
0.3549

 23.4144, 0.2870,
0.3862

269.8464, 0.3018,
0.3533

 14.8998, 0.2824,
0.3964

323.1417, 0.3025,
0.3518

 8.7491, 0.2759,
0.4109

383.0292, 0.3031,

 4.5779, 0.2658,

0.3505

0.4332

449.8934, 0.3036,
0.3494

2.0018, 0.2483,
0.4718

0.6085, 0.0000,
1.0000

88.7997, 0.2967,
0.3647

88.7997, 0.2967,
0.3647

84.8664, 0.2901,
0.3836

93.3932, 0.3037,
0.3476

81.5511, 0.2843,
0.4042

98.6646, 0.3110,
0.3323

78.8240, 0.2796,
0.4261

99.9972, 0.3127,
0.3290

76.6484, 0.2764,
0.4489

■ 74.9830, 0.2749,
0.4718

■ 73.7805, 0.2753,
0.4942

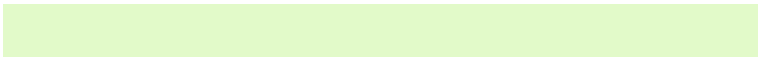
■ 72.9841, 0.2777,
0.5151

■ 72.5851, 0.2805,
0.5299

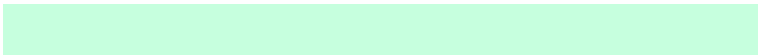
Harmonies

Analogous

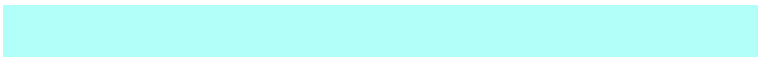
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.7997, 0.3262, 0.3801



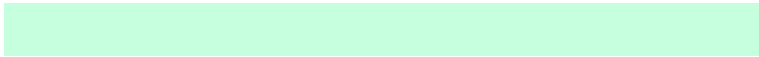
88.7997, 0.2967, 0.3647



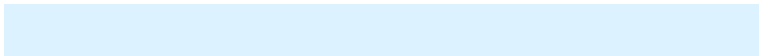
88.7997, 0.2723, 0.3385

Triad

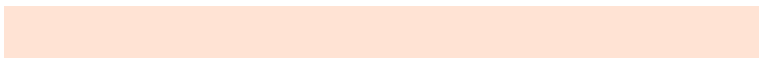
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.7997, 0.2967, 0.3647



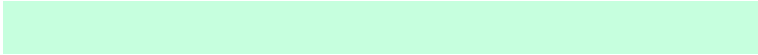
88.7997, 0.2726, 0.2805



88.7997, 0.3699, 0.3428

Complementary

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



88.7997, 0.2967, 0.3647



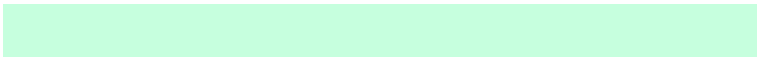
67.4389, 0.3328, 0.2958

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.



88.7997, 0.3542, 0.3181



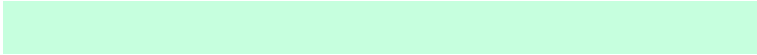
88.7997, 0.2967, 0.3647



88.7997, 0.2972, 0.2833

Square

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



88.7997, 0.2967, 0.3647



88.7997, 0.2589, 0.2900



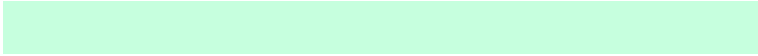
88.7997, 0.3271, 0.2969



88.7997, 0.3693, 0.3654

Rectangle

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



88.7997, 0.2967, 0.3647



88.7997, 0.2618, 0.3196



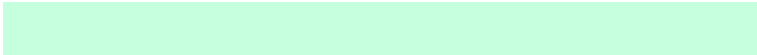
88.7997, 0.3271, 0.2969



88.7997, 0.3663, 0.3345

Sweetspot

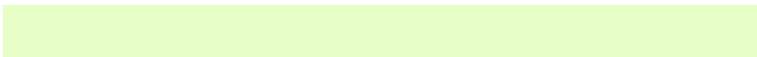
The Sweet Spot groups the original color and five complimentary colors.



88.8034, 0.2967, 0.3647



96.1223, 0.3076, 0.3392



92.6297, 0.3308, 0.3879



20.5060, 0.3072, 0.3401



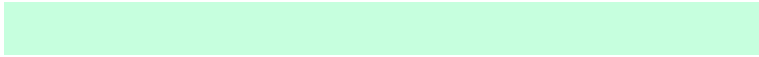
0.0000, 0.0000, 0.0000



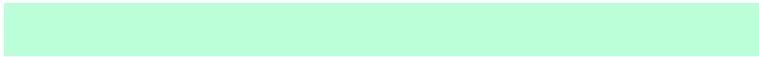
21.4041, 0.3127, 0.3290

Same Dimension

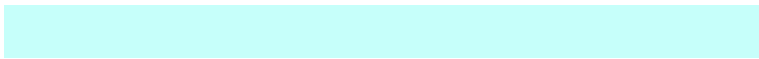
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.8034, 0.2967, 0.3647



86.8905, 0.2936, 0.3733



90.4468, 0.2819, 0.3339



20.2950, 0.3058, 0.3431



37.9570, 0.2797, 0.5268



3.7170, 0.2734, 0.5044

Inverse Universe

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



67.4389, 0.3328, 0.2958



61.9336, 0.3381, 0.2886



65.9694, 0.3548, 0.3242



18.1635, 0.3203, 0.3153



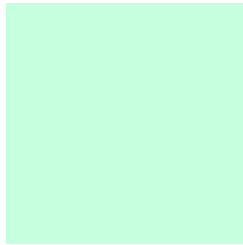
12.2515, 0.4630, 0.2324



1.2147, 0.4423, 0.2210

Previews

White Background



This preview shows how the Yxy color 88.7997, 0.2967, 0.3647 looks on a white background.

Color Contrast Check

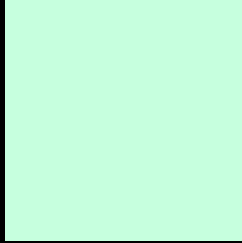
Large Text (above 18pt) WCAG AA × Fail

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 88.7997, 0.2967, 0.3647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

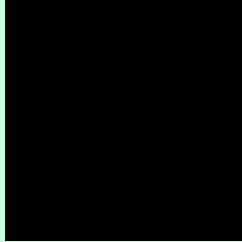
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

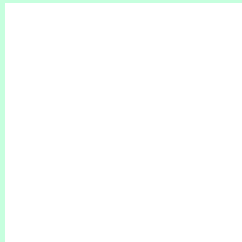
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.7997, 0.2967, 0.3647

Background



This preview shows how black text looks on a background with the Yxy color 88.7997, 0.2967, 0.3647.

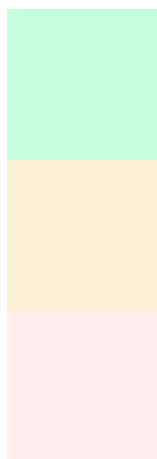


This preview shows how white text looks on a background with the Yxy color 88.7997, 0.2967, 0.3647.

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

88.7997, 0.2967, 0.3647

Protanopia

88.4611, 0.3370, 0.3560

Deuteranopia

88.4072, 0.3260, 0.3320



Tritanopia

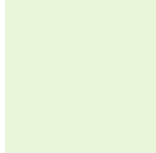
88.5324, 0.2944, 0.3188

Trichromacy



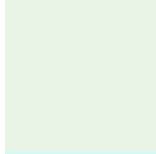
Original Color

88.7997, 0.2967, 0.3647



Protanomaly

88.0771, 0.3210, 0.3590



Deuteranomaly

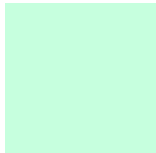
87.9070, 0.3146, 0.3433



Tritanomaly

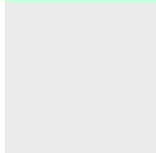
88.6695, 0.2951, 0.3352

Monochromacy



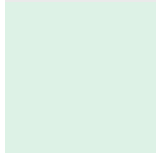
Original Color

88.7997, 0.2967, 0.3647



Achromatopsia

82.2786, 0.3127, 0.3290



Achromatomaly

84.5896, 0.3063, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.7997, 0.2967, 0.3647 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(198, 255, 222)` looks like.

```
.text, #text, p{  
    color:rgb(198, 255, 222)  
}
```

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(198, 255, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 255, 222) }
```

Border

The CSS property to change the border of an element to Yxy 88.7997, 0.2967, 0.3647 is called "border". The border property can be set on classes, ids or directly on the HTML element.

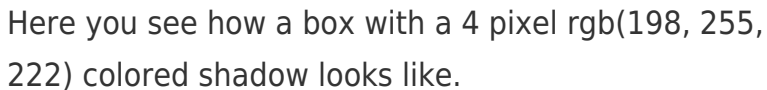
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 255, 222) }
```

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

```
.border{ border-color:rgb(198, 255, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 255, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 255, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 255, 222); box-shadow:4px 4px 4px 4px rgb(198, 255, 222) }
```


Background

The CSS property to change the background color of an element to Yxy 88.7997, 0.2967, 0.3647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 255, 222) }
```

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

```
.background{ background-color: rgb(198,  
255, 222) }
```

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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