

Converting Colors

$Yxy(97.9109, 0.2948, 0.3748)$

Have a look what the booklet for
Yxy(97.9109, 0.2948, 0.3748)
contains.

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Color

Yxy(88.8266, 0.2945, 0.3614)

Conversions

Conversions Part 1

Format	Color
Hex	C5FFE1
RGB	197, 255, 225
RGB Percent	77%, 100%, 88%
CMY	0.2273, 0.0000, 0.1176
CMYK	0.23, 0.00, 0.12, 0.00
HSL	149°, 100%, 89%
HSV	149°, 23%, 100%
XYZ	72.3836, 88.8266, 84.5745
YIQ	234.2380, -24.9380, -21.6260

Conversions

Conversions Part 2

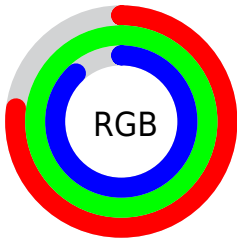
Format	Color
RYB	197, 236, 255
Decimal	12976097
CIELab	95.51, -24.04, 8.41
CIElCh	96, 25.464, 160.720
Yxy	88.8266, 0.2945, 0.3614
Android (android.graphics.Color)	4291166177 (0xFFC5FFE1)
YUV	234.2380, -4.5543, -32.6577
Hunter-Lab	94.2479, -27.8434, 12.7689

Details

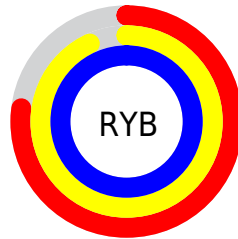
The Yxy color **88.8266, 0.2945, 0.3614** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **66.7526, 0.3360, 0.2987**, and the grayscale version is **82.5254, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **49.0412, 0.2900, 0.3684** is the 20% darker color. If you saturate the color by 10%, you get **84.9811, 0.2872, 0.3782**, and if you desaturate by 10%, it is **93.3173, 0.3023, 0.3461**.

Distribution



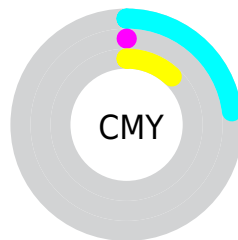
- Red (77%)
- Green (100%)
- Blue (88%)



- Red (77%)
- Yellow (93%)
- Blue (100%)



- Cyan (23%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)




- Cyan (23%)
- Magenta (0%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.8266, 0.2945, 0.3614 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 88.8266, 0.2945, 0.3614 by changing the saturation by 10% instead.


 88.8266, 0.2945,
0.3614

 88.8266, 0.2945,
0.3614


524.2064, 0.3028,
0.3466

 67.0078, 0.2926,
0.3648


145.7074, 0.2974,
0.3563

 49.0910, 0.2903,
0.3689

181.5383, 0.2985,
0.3543

 34.6917, 0.2874,
0.3741


222.8086, 0.2994,
0.3526

 23.4255, 0.2837,
0.3808

269.9028, 0.3003,
0.3511

 14.9080, 0.2787,
0.3899

323.2053, 0.3010,
0.3497

 8.7548, 0.2716,
0.4029


383.1005, 0.3017,


 4.5816, 0.2607,


0.3486

0.4228


449.9727, 0.3023,
0.3475


 2.0039, 0.2422,
0.4572

 0.6098, 0.0000,
0.8891


 88.8266, 0.2945,
0.3614


 88.8266, 0.2945,
0.3614


 84.9811, 0.2872,
0.3782


 93.3173, 0.3023,
0.3461

 81.7393, 0.2808,
0.3965

 98.4706, 0.3105,
0.3325

 79.0717, 0.2756,
0.4159


 99.9988, 0.3127,
0.3290

 76.9419, 0.2719,
0.4362

 75.3092, 0.2700,
0.4568

 74.1266, 0.2702,
0.4772

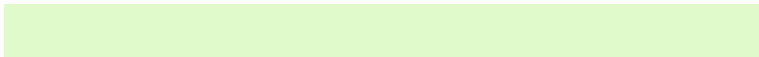
 73.3376, 0.2724,
0.4966

 72.9516, 0.2750,
0.5099

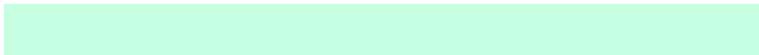
Harmonies

Analogous

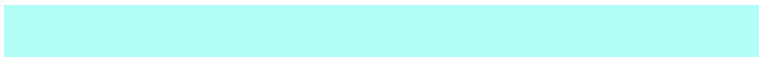
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.8266, 0.3230, 0.3776



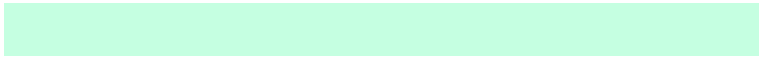
88.8266, 0.2945, 0.3614



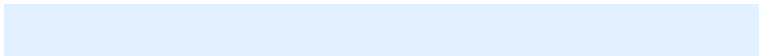
88.8266, 0.2716, 0.3355

Triad

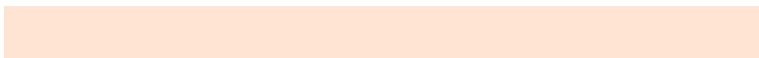
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.8266, 0.2945, 0.3614



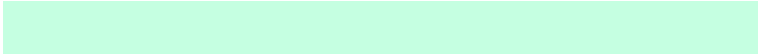
88.8266, 0.2757, 0.2817



88.8266, 0.3688, 0.3448

Complementary

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



88.8266, 0.2945, 0.3614



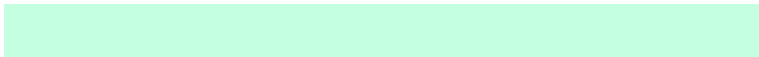
66.7526, 0.3360, 0.2987

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.



88.8266, 0.3551, 0.3208



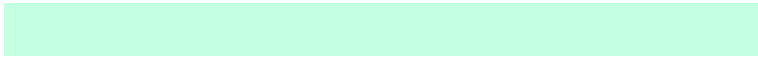
88.8266, 0.2945, 0.3614



88.8266, 0.3004, 0.2855

Square

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



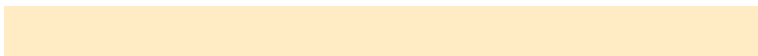
88.8266, 0.2945, 0.3614



88.8266, 0.2612, 0.2897



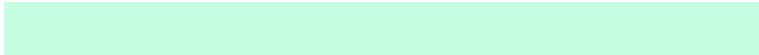
88.8266, 0.3296, 0.2996



88.8266, 0.3667, 0.3662

Rectangle

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



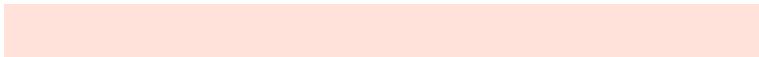
88.8266, 0.2945, 0.3614



88.8266, 0.2622, 0.3173



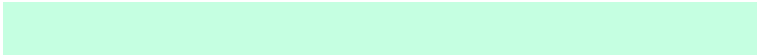
88.8266, 0.3296, 0.2996



88.8266, 0.3659, 0.3368

Sweetspot

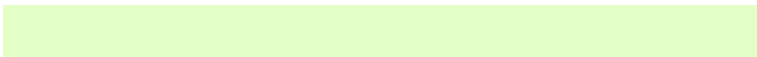
The Sweet Spot groups the original color and five complimentary colors.



88.8303, 0.2945, 0.3614



96.1899, 0.3070, 0.3381



92.0366, 0.3292, 0.3894



20.5217, 0.3065, 0.3389



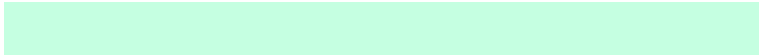
0.0000, 0.0000, 0.0000



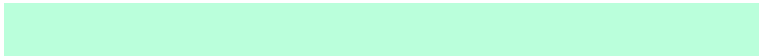
21.4041, 0.3127, 0.3290

Same Dimension

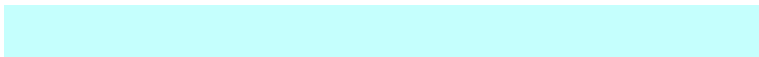
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.8303, 0.2945, 0.3614



87.1129, 0.2913, 0.3684



90.4892, 0.2799, 0.3309



20.3143, 0.3049, 0.3416



38.1493, 0.2741, 0.5069



3.7364, 0.2682, 0.4857

Inverse Universe

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



66.7526, 0.3360, 0.2987



61.7021, 0.3416, 0.2928



65.3276, 0.3581, 0.3271



18.1440, 0.3213, 0.3168



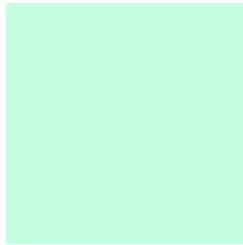
12.0081, 0.4891, 0.2468



1.1913, 0.4647, 0.2333

Previews

White Background



This preview shows how the Yxy color 88.8266, 0.2945, 0.3614 looks on a white background.

Color Contrast Check

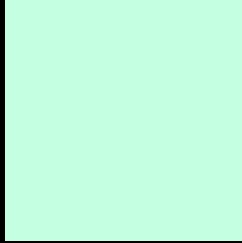
Large Text (above 18pt) WCAG AA × Fail

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 88.8266, 0.2945, 0.3614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

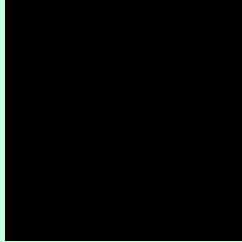
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

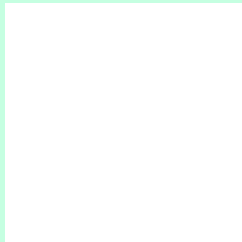
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.8266, 0.2945, 0.3614

Background



This preview shows how black text looks on a background with the Yxy color 88.8266, 0.2945, 0.3614.

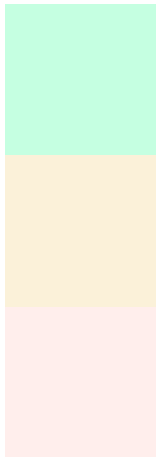


This preview shows how white text looks on a background with the Yxy color 88.8266, 0.2945, 0.3614.

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

88.8266, 0.2945, 0.3614

Protanopia

88.4296, 0.3344, 0.3530

Deuteranopia

88.4652, 0.3253, 0.3310



Tritanopia

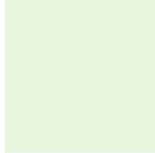
88.5324, 0.2944, 0.3188

Trichromacy



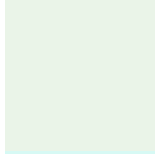
Original Color

88.8266, 0.2945, 0.3614



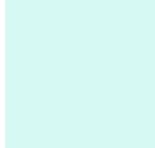
Protanomaly

88.0678, 0.3186, 0.3559



Deuteranomaly

88.0200, 0.3134, 0.3412



Tritanomaly

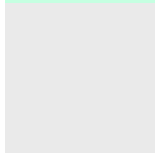
88.7301, 0.2946, 0.3341

Monochromacy



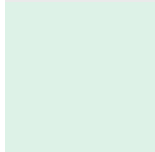
Original Color

88.8266, 0.2945, 0.3614



Achromatopsia

82.2786, 0.3127, 0.3290



Achromatomaly

84.6459, 0.3057, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.8266, 0.2945, 0.3614 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(197, 255, 225)` looks like.

```
.text, #text, p{  
    color:rgb(197, 255, 225)  
}
```

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(197, 255, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 255, 225) }
```

Border

The CSS property to change the border of an element to Yxy 88.8266, 0.2945, 0.3614 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(197, 255, 225) }
```

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

```
.border{ border-color:rgb(197, 255, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 255, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 255, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 255, 225);  
box-shadow:4px 4px 4px 4px rgb(197, 255,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 88.8266, 0.2945, 0.3614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 255, 225) }
```

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

```
.background{ background-color: rgb(197,  
255, 225) }
```

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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