

Converting Colors

$Yxy(88.5506, 0.2906, 0.3478)$

Have a look what the booklet for
Yxy(88.5506, 0.2906, 0.3478)
contains.

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Color

Yxy(88.5281, 0.2908, 0.3482)

Conversions

Conversions Part 1

Format	Color
Hex	C8FDEB
RGB	200, 253, 235
RGB Percent	78%, 99%, 92%
CMY	0.2158, 0.0078, 0.0785
CMYK	0.21, 0.00, 0.07, 0.01
HSL	160°, 93%, 89%
HSV	160°, 21%, 99%
XYZ	73.9344, 88.5281, 91.7824
YIQ	235.1010, -25.8100, -16.8340

Conversions

Conversions Part 2

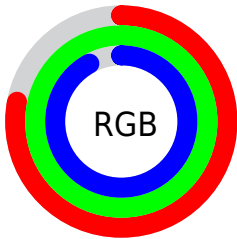
Format	Color
R _Y B	200, 232, 253
Decimal	13172203
CIE Lab	95.38, -20.26, 3.11
CIE LCh	95, 20.497, 171.269
Yxy	88.5281, 0.2908, 0.3482
Android (android.graphics.Color)	4291362283 (0xFFC8FDEB)
YUV	235.1010, -0.0498, -30.7836
Hunter-Lab	94.0894, -24.3930, 8.0263

Details

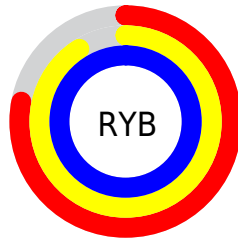
The Yxy color **88.5281, 0.2908, 0.3482** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.2448, 0.3410, 0.3106**, and the grayscale version is **83.1726, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.7543, 0.2860, 0.3526** is the 20% darker color. If you saturate the color by 10%, you get **84.8471, 0.2813, 0.3588**, and if you desaturate by 10%, it is **92.8168, 0.3010, 0.3385**.

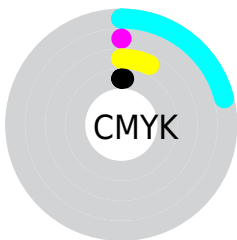
Distribution



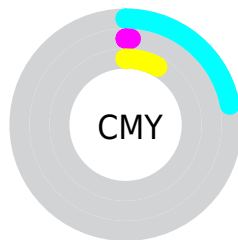
- Red (78%)
- Green (99%)
- Blue (92%)



- Red (78%)
- Yellow (91%)
- Blue (99%)



- Cyan (21%)
- Magenta (0%)
- Yellow (7%)
- Black (1%)





- Cyan (22%)
- Magenta (1%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.5281, 0.2908, 0.3482 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 88.5281, 0.2908, 0.3482 by changing the saturation by 10% instead.

 88.5281, 0.2908,
0.3482

 88.5281, 0.2908,
0.3482


523.2311, 0.3006,
0.3395

 66.7605, 0.2886,
0.3501

145.2922, 0.2942,
0.3452

 48.8900, 0.2860,
0.3525

181.0574, 0.2955,
0.3441

 34.5323, 0.2826,
0.3555


222.2574, 0.2966,
0.3431

 23.3028, 0.2784,
0.3593

269.2764, 0.2976,
0.3422

 14.8172, 0.2727,
0.3644

322.4989, 0.2985,
0.3414

 8.6912, 0.2649,
0.3716

382.3092, 0.2993,

 4.5403, 0.2532,

0.3407

449.0918, 0.3000,
0.3401

0.3825

1.9802, 0.2341,
0.4007

0.5959, 0.0654,
0.5422

88.5281, 0.2908,
0.3482

88.5281, 0.2908,
0.3482

84.8471, 0.2813,
0.3588

92.8168, 0.3010,
0.3385


81.7342, 0.2728,
0.3703

97.7290, 0.3117,
0.3298


79.1620, 0.2657,
0.3825

98.7376, 0.3128,
0.3271

77.0963, 0.2601,
0.3952

 75.4991, 0.2565,
0.4084

 74.3266, 0.2550,
0.4216

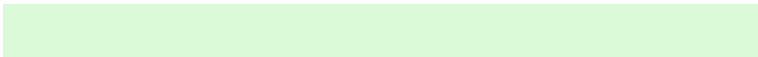
 73.5265, 0.2555,
0.4348

 73.0497, 0.2573,
0.4464

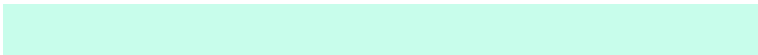
Harmonies

Analogous

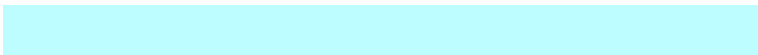
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.5281, 0.3130, 0.3645



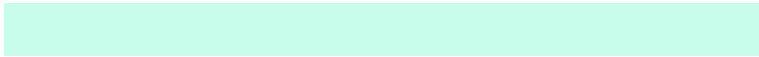
88.5281, 0.2908, 0.3482



88.5281, 0.2748, 0.3266

Triad

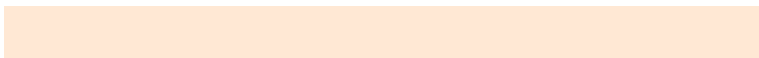
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.5281, 0.2908, 0.3482



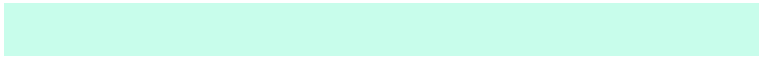
88.5281, 0.2891, 0.2905



88.5281, 0.3587, 0.3487

Complementary

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



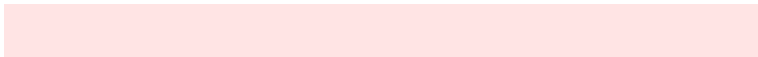
88.5281, 0.2908, 0.3482



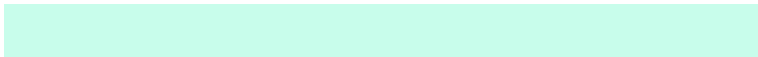
67.2448, 0.3410, 0.3106

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.



88.5281, 0.3520, 0.3294



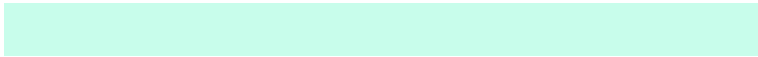
88.5281, 0.2908, 0.3482



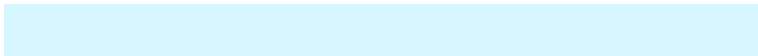
88.5281, 0.3111, 0.2967

Square

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



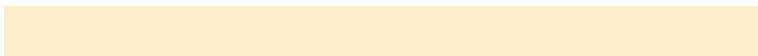
88.5281, 0.2908, 0.3482



88.5281, 0.2739, 0.2938



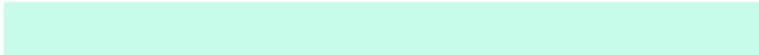
88.5281, 0.3343, 0.3107



88.5281, 0.3526, 0.3639

Rectangle

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



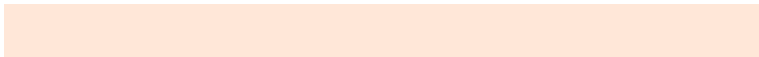
88.5281, 0.2908, 0.3482



88.5281, 0.2696, 0.3128



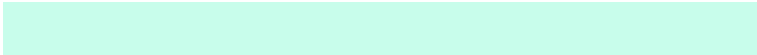
88.5281, 0.3343, 0.3107



88.5281, 0.3579, 0.3425

Sweetspot

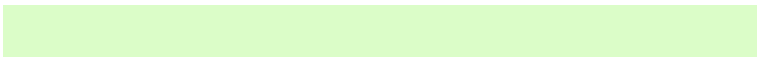
The Sweet Spot groups the original color and five complimentary colors.



88.5318, 0.2908, 0.3482



96.8825, 0.3063, 0.3341



89.4155, 0.3217, 0.3854



20.6673, 0.3056, 0.3347



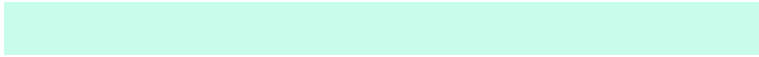
0.0000, 0.0000, 0.0000



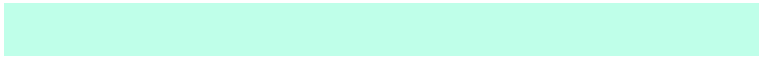
21.4041, 0.3127, 0.3290

Same Dimension

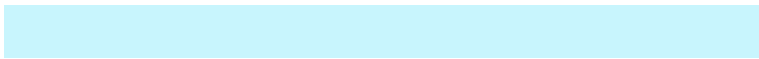
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.5318, 0.2908, 0.3482



88.5316, 0.2868, 0.3524



84.7077, 0.2808, 0.3205



20.3704, 0.3026, 0.3372



38.8843, 0.2568, 0.4444



3.8065, 0.2527, 0.4296

Inverse Universe

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



67.2448, 0.3410, 0.3106



63.4301, 0.3480, 0.3069



70.1329, 0.3534, 0.3373



18.0889, 0.3241, 0.3210



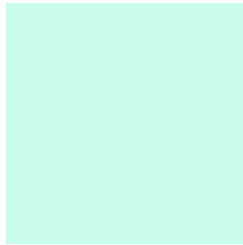
11.4901, 0.5623, 0.2871



1.1382, 0.5305, 0.2696

Previews

White Background



This preview shows how the Yxy color 88.5281, 0.2908, 0.3482 looks on a white background.

Color Contrast Check

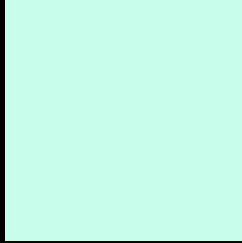
Large Text (above 18pt) WCAG AA × Fail

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 88.5281, 0.2908, 0.3482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

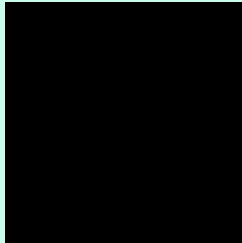
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

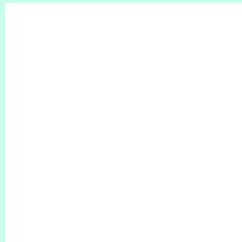
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.5281, 0.2908, 0.3482

Background



This preview shows how black text looks on a background with the Yxy color 88.5281, 0.2908, 0.3482.

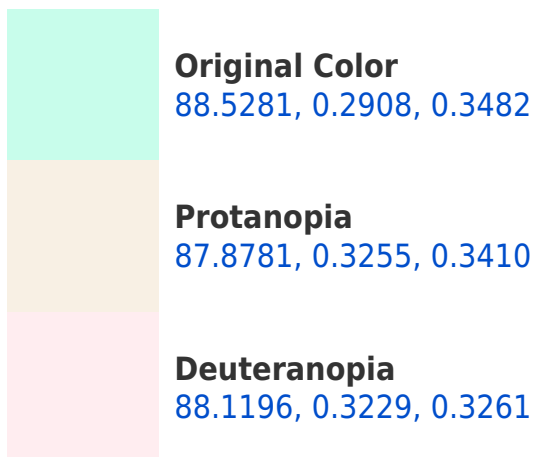


This preview shows how white text looks on a background with the Yxy color 88.5281, 0.2908, 0.3482.

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

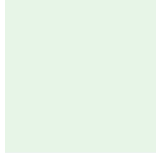
88.3721, 0.2938, 0.3188

Trichromacy



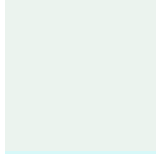
Original Color

88.5281, 0.2908, 0.3482



Protanomaly

88.0633, 0.3120, 0.3434



Deuteranomaly

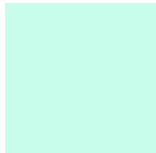
87.9364, 0.3105, 0.3341



Tritanomaly

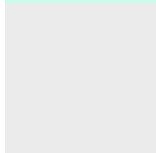
88.3592, 0.2924, 0.3289

Monochromacy



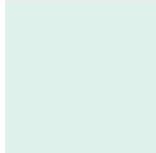
Original Color

88.5281, 0.2908, 0.3482



Achromatopsia

83.0770, 0.3127, 0.3290



Achromatomaly

85.0320, 0.3040, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.5281, 0.2908, 0.3482 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(200, 253, 235)` looks like.

```
.text, #text, p{  
    color:rgb(200, 253, 235)  
}
```

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(200, 253, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 253, 235) }
```

Border

The CSS property to change the border of an element to Yxy 88.5281, 0.2908, 0.3482 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(200, 253, 235) }
```

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

```
.border{ border-color:rgb(200, 253, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 253, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 253, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 253, 235);  
box-shadow:4px 4px 4px 4px rgb(200, 253,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 88.5281, 0.2908, 0.3482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 253, 235) }
```

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

```
.background{ background-color: rgb(200,  
253, 235) }
```

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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