

Converting Colors

$Yxy(89.1148, 0.2948, 0.3423)$

Have a look what the booklet for
Yxy(89.1148, 0.2948, 0.3423)
contains.

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Color

Yxy(88.9280, 0.2944, 0.3415)

Conversions

Conversions Part 1

Format	Color
Hex	D2FBEF
RGB	210, 251, 239
RGB Percent	82%, 98%, 94%
CMY	0.1764, 0.0157, 0.0626
CMYK	0.16, 0.00, 0.05, 0.02
HSL	162°, 84%, 90%
HSV	162°, 16%, 98%
XYZ	76.6630, 88.9280, 94.8131
YIQ	237.3730, -20.5840, -12.4240

Conversions

Conversions Part 2

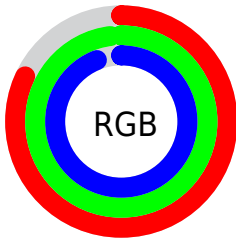
Format	Color
R _Y B	210, 234, 251
Decimal	13827055
CIE Lab	95.55, -15.39, 1.34
CIE LCh	96, 15.451, 175.013
Yxy	88.9280, 0.2944, 0.3415
Android (android.graphics.Color)	4292017135 (0xFFD2FB EF)
YUV	237.3730, 0.8021, -24.0061
Hunter-Lab	94.3016, -19.9155, 6.3996

Details

The Yxy color **88.9280, 0.2944, 0.3415** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.8835, 0.3351, 0.3169**, and the grayscale version is **85.0021, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.9710, 0.2904, 0.3439** is the 20% darker color. If you saturate the color by 10%, you get **85.1072, 0.2839, 0.3502**, and if you desaturate by 10%, it is **93.3516, 0.3055, 0.3336**.

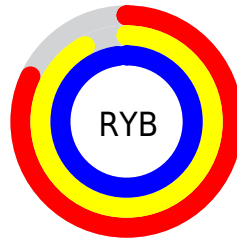
Distribution



Red (82%)

Green (98%)

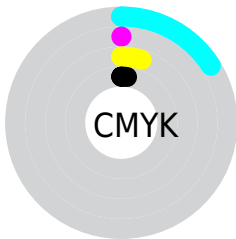
Blue (94%)



Red (82%)

Yellow (92%)

Blue (98%)

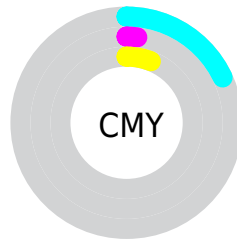


Cyan (16%)

Magenta (0%)

Yellow (5%)

Black (2%)



Cyan (18%)


Magenta (2%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.9280, 0.2944, 0.3415 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 88.9280, 0.2944, 0.3415 by changing the saturation by 10% instead.


 88.9280, 0.2944,
0.3415

 88.9280, 0.2944,
0.3415

524.5375, 0.3026,
0.3359

 67.0919, 0.2926,
0.3427


145.8484, 0.2972,
0.3396

 49.1593, 0.2904,
0.3443

181.7015, 0.2983,
0.3388

 34.7459, 0.2876,
0.3461

222.9958, 0.2992,
0.3382

 23.4672, 0.2841,
0.3486

270.1155, 0.3001,
0.3376

 14.9388, 0.2795,
0.3518

323.4452, 0.3008,
0.3371

 8.7765, 0.2730,
0.3563


383.3691, 0.3015,


 4.5957, 0.2635,


0.3367


0.3630


450.2717, 0.3021,
0.3363


 2.0120, 0.2480,
0.3741

 0.6145, 0.1490,
0.4396


 88.9280, 0.2944,
0.3415


 88.9280, 0.2944,
0.3415

 85.1072, 0.2839,
0.3502


 93.3516, 0.3055,
0.3336


 81.8509, 0.2744,
0.3596


 97.3891, 0.3137,
0.3264


 79.1337, 0.2662,
0.3697

 97.4733, 0.3129,
0.3252


 76.9238, 0.2594,
0.3803

 75.1858, 0.2545,
0.3913

 73.8798, 0.2516,
0.4025

 72.9592, 0.2507,
0.4137

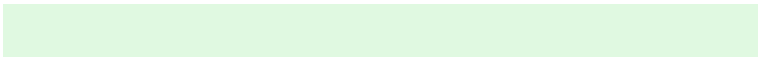
 72.3657, 0.2518,
0.4247

 72.1972, 0.2524,
0.4288

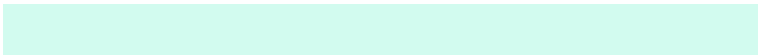
Harmonies

Analogous

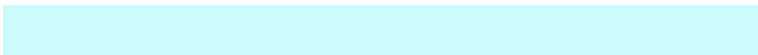
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.9280, 0.3108, 0.3543



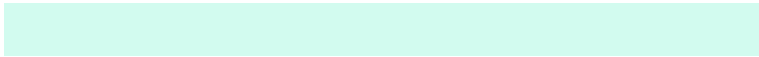
88.9280, 0.2944, 0.3415



88.9280, 0.2830, 0.3254

Triad

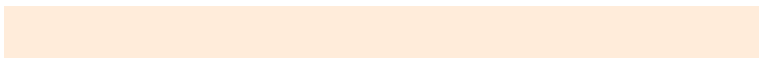
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.9280, 0.2944, 0.3415



88.9280, 0.2969, 0.2999



88.9280, 0.3472, 0.3458

Complementary

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



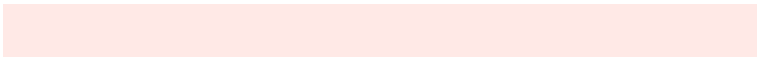
88.9280, 0.2944, 0.3415



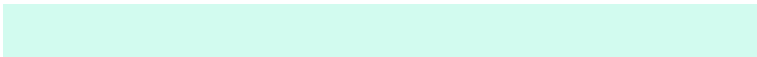
71.8835, 0.3351, 0.3169

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.



88.9280, 0.3433, 0.3314



88.9280, 0.2944, 0.3415



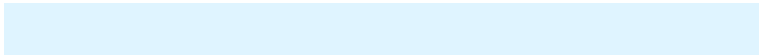
88.9280, 0.3139, 0.3054

Square

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



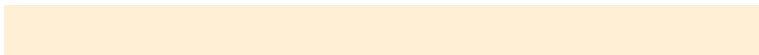
88.9280, 0.2944, 0.3415



88.9280, 0.2844, 0.3017



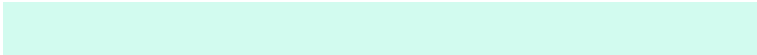
88.9280, 0.3310, 0.3168



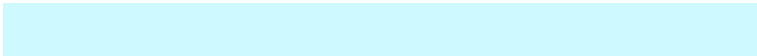
88.9280, 0.3415, 0.3564

Rectangle

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



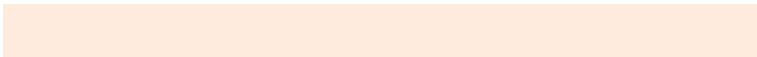
88.9280, 0.2944, 0.3415



88.9280, 0.2797, 0.3152



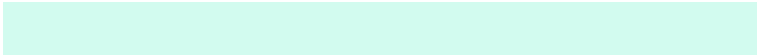
88.9280, 0.3310, 0.3168



88.9280, 0.3470, 0.3413

Sweetspot

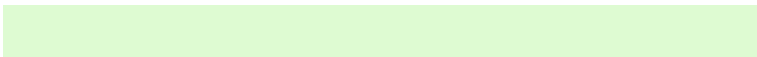
The Sweet Spot groups the original color and five complimentary colors.



88.9317, 0.2944, 0.3415



97.4241, 0.3070, 0.3326



89.2262, 0.3184, 0.3721



20.7781, 0.3062, 0.3331



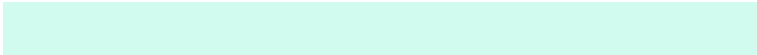
0.0000, 0.0000, 0.0000



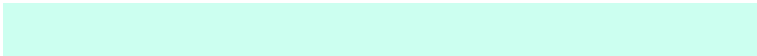
21.4041, 0.3127, 0.3290

Same Dimension

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



88.9317, 0.2944, 0.3415



90.6555, 0.2905, 0.3446



84.6520, 0.2876, 0.3204



19.5172, 0.3019, 0.3360



37.9770, 0.2519, 0.4269



3.5358, 0.2483, 0.4137

Inverse Universe

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



71.8835, 0.3351, 0.3169



69.5542, 0.3413, 0.3140



75.4166, 0.3425, 0.3375



17.3085, 0.3248, 0.3221



11.0570, 0.5795, 0.2966



1.0417, 0.5458, 0.2781

Previews

White Background



This preview shows how the Yxy color 88.9280, 0.2944, 0.3415 looks on a white background.

Color Contrast Check

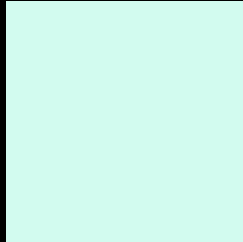
Large Text (above 18pt) WCAG AA × Fail

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 88.9280, 0.2944, 0.3415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

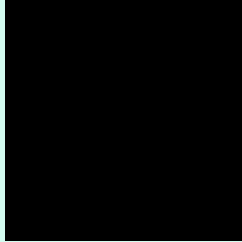
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

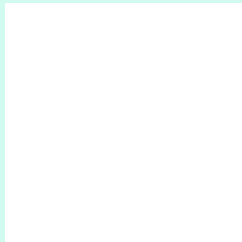
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.9280, 0.2944, 0.3415

Background



This preview shows how black text looks on a background with the Yxy color 88.9280, 0.2944, 0.3415.

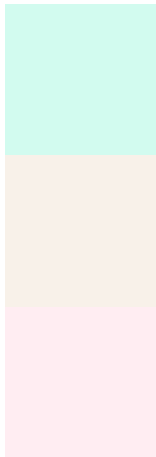


This preview shows how white text looks on a background with the Yxy color 88.9280, 0.2944, 0.3415.

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

88.9280, 0.2944, 0.3415

Protanopia

88.7502, 0.3223, 0.3370

Deuteranopia

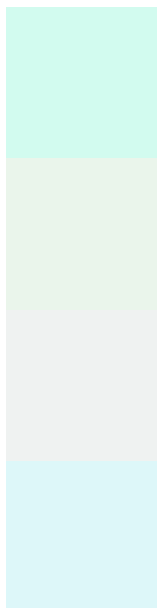
88.2392, 0.3216, 0.3242



Tritanopia

88.4153, 0.2962, 0.3179

Trichromacy



Original Color

88.9280, 0.2944, 0.3415

Protanomaly

88.7954, 0.3116, 0.3392

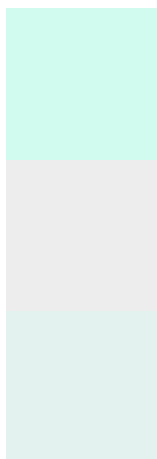
Deuteranomaly

88.2059, 0.3114, 0.3300

Tritanomaly

88.7332, 0.2954, 0.3269

Monochromacy



Original Color

88.9280, 0.2944, 0.3415

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

86.0082, 0.3054, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.9280, 0.2944, 0.3415 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(210, 251, 239)` looks like.

```
.text, #text, p{  
    color:rgb(210, 251, 239)  
}
```

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(210, 251, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 251, 239) }
```

Border

The CSS property to change the border of an element to Yxy 88.9280, 0.2944, 0.3415 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(210, 251, 239) }
```

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

```
.border{ border-color:rgb(210, 251, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 251, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 251, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 251, 239);  
box-shadow:4px 4px 4px 4px rgb(210, 251,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 88.9280, 0.2944, 0.3415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 251, 239) }
```

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

```
.background{ background-color: rgb(210,  
251, 239) }
```

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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