

Converting Colors

Yxy(82.4830, 0.2853, 0.3340)

Have a look what the booklet for
Yxy(82.4830, 0.2853, 0.3340)
contains.

Yxy(82.5355, 0.2853, 0.3344)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(82.5355, 0.2853, 0.3344)

Conversions

Conversions Part 1

Format	Color
Hex	C3F4EF
RGB	195, 244, 239
RGB Percent	76%, 96%, 94%
CMY	0.2356, 0.0430, 0.0628
CMYK	0.20, 0.00, 0.02, 0.04
HSL	174°, 69%, 86%
HSV	174°, 20%, 96%
XYZ	70.4168, 82.5355, 93.8644
YIQ	228.7790, -27.5990, -11.9430

Conversions

Conversions Part 2

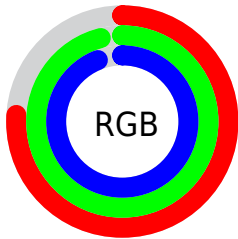
Format	Color
R _Y B	195, 221, 244
Decimal	12842223
CIE Lab	92.81, -16.58, -2.74
CIE LCh	93, 16.809, 189.386
Yxy	82.5355, 0.2853, 0.3344
Android (android.graphics.Color)	4291032303 (0xFFC3F4EF)
YUV	228.7790, 5.0390, -29.6242
Hunter-Lab	90.8491, -20.6311, 2.3365

Details

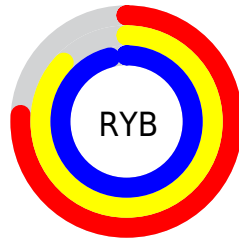
The Yxy color **82.5355, 0.2853, 0.3344** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.3977, 0.3488, 0.3237**, and the grayscale version is **78.1510, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **44.9608, 0.2791, 0.3360** is the 20% darker color. If you saturate the color by 10%, you get **79.4042, 0.2731, 0.3374**, and if you desaturate by 10%, it is **86.2067, 0.2986, 0.3316**.

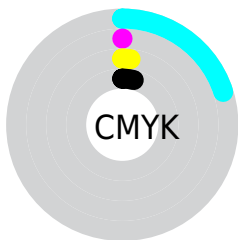
Distribution



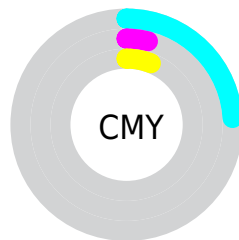
- Red (76%)
- Green (96%)
- Blue (94%)



- Red (76%)
- Yellow (87%)
- Blue (96%)



- Cyan (20%)
- Magenta (0%)
- Yellow (2%)
- Black (4%)



- Cyan (24%)
- Magenta (4%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.5355, 0.2853, 0.3344 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 82.5355, 0.2853, 0.3344 by changing the saturation by 10% instead.

82.5355, 0.2853,
0.3344

82.5355, 0.2853,
0.3344

503.4372, 0.2976,
0.3321

61.8070, 0.2826,
0.3349

136.9247, 0.2895,
0.3336

44.8768, 0.2792,
0.3355

171.3542, 0.2912,
0.3333

31.3604, 0.2750,
0.3362

211.1196, 0.2926,
0.3330

20.8734, 0.2697,
0.3372

256.6051, 0.2939,
0.3328

13.0315, 0.2625,
0.3384

308.1952, 0.2950,
0.3326

7.4503, 0.2526,
0.3399


366.2744, 0.2960,


3.7452, 0.2377,


0.3324


0.3421


431.2269, 0.2968,
0.3322


 1.5321, 0.2134,
0.3451

 0.3112, 0.0000,
0.3697

 82.5355, 0.2853,
0.3344


 82.5355, 0.2853,
0.3344

 79.4042, 0.2731,
0.3374


 86.2067, 0.2986,
0.3316


 76.7769, 0.2621,
0.3407

 90.4317, 0.3125,
0.3290

 74.6290, 0.2528,
0.3440

 92.6622, 0.3183,
0.3266

 72.9299, 0.2452,
0.3475

 92.8176, 0.3168,
0.3242

■ 71.6454, 0.2396,
0.3511

■ 92.9752, 0.3153,
0.3218

■ 70.7364, 0.2359,
0.3547

■ 93.1348, 0.3138,
0.3194

■ 70.1562, 0.2341,
0.3582

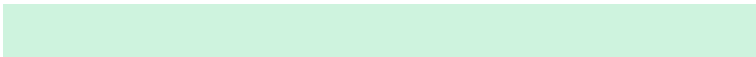
■ 93.1975, 0.3132,
0.3185

■ 69.8295, 0.2338,
0.3617

Harmonies

Analogous

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



82.5355, 0.3014, 0.3512



82.5355, 0.2853, 0.3344



82.5355, 0.2766, 0.3166

Triad

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



82.5355, 0.2853, 0.3344



82.5355, 0.3037, 0.2987



82.5355, 0.3495, 0.3541

Complementary

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



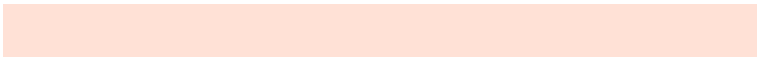
82.5355, 0.2853, 0.3344



62.3977, 0.3488, 0.3237

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.



82.5355, 0.3503, 0.3395



82.5355, 0.2853, 0.3344



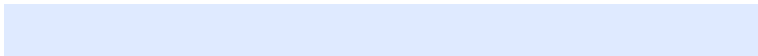
82.5355, 0.3234, 0.3082

Square

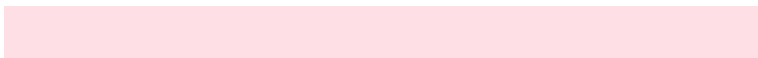
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.5355, 0.2853, 0.3344



82.5355, 0.2869, 0.2966



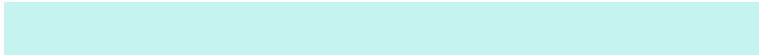
82.5355, 0.3407, 0.3229



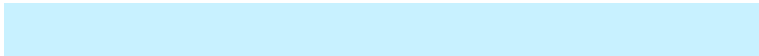
82.5355, 0.3385, 0.3625

Rectangle

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



82.5355, 0.2853, 0.3344



82.5355, 0.2759, 0.3067



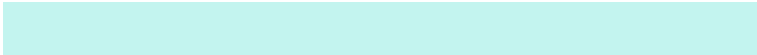
82.5355, 0.3407, 0.3229



82.5355, 0.3509, 0.3497

Sweetspot

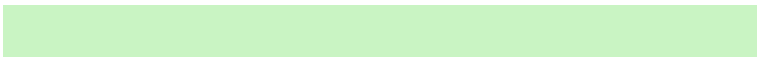
The Sweet Spot groups the original color and five complimentary colors.



82.5389, 0.2853, 0.3344



97.1120, 0.3042, 0.3305



81.0218, 0.3138, 0.3841



20.7216, 0.3033, 0.3307



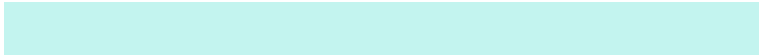
0.0000, 0.0000, 0.0000



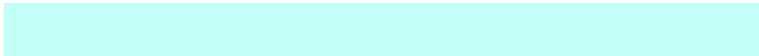
21.4041, 0.3127, 0.3290

Same Dimension

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



82.5389, 0.2853, 0.3344



89.7845, 0.2804, 0.3356



72.0825, 0.2813, 0.3081



18.7267, 0.2994, 0.3314



37.9719, 0.2337, 0.3611



3.3457, 0.2324, 0.3567

Inverse Universe

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



62.3977, 0.3488, 0.3237



63.9289, 0.3579, 0.3226



71.1359, 0.3490, 0.3490



16.5102, 0.3277, 0.3266



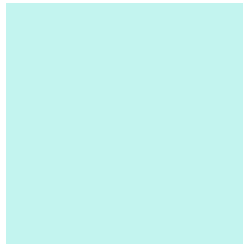
10.5054, 0.6281, 0.3234



0.9324, 0.6042, 0.3102

Previews

White Background



This preview shows how the Yxy color 82.5355, 0.2853, 0.3344 looks on a white background.

Color Contrast Check

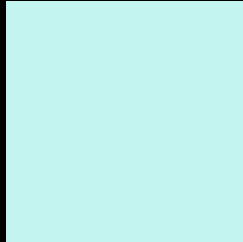
Large Text (above 18pt) WCAG AA × Fail

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 82.5355, 0.2853, 0.3344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

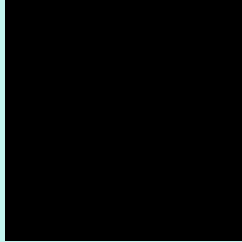
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

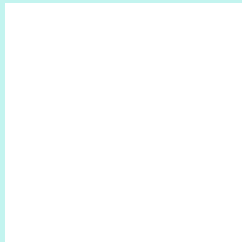
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.5355, 0.2853, 0.3344

Background



This preview shows how black text looks on a background with the Yxy color 82.5355, 0.2853, 0.3344.

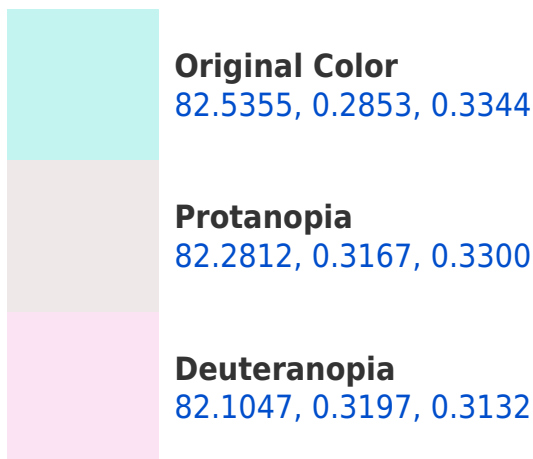


This preview shows how white text looks on a background with the Yxy color 82.5355, 0.2853, 0.3344.

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

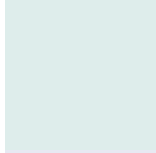
82.2184, 0.2834, 0.3121

Trichromacy



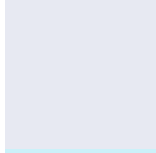
Original Color

82.5355, 0.2853, 0.3344



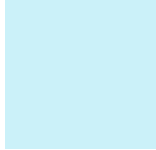
Protanomaly

82.0961, 0.3041, 0.3311



Deuteranomaly

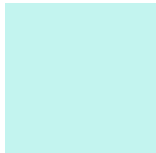
81.6776, 0.3058, 0.3197



Tritanomaly

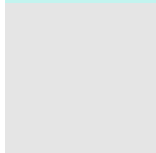
82.4467, 0.2844, 0.3204

Monochromacy



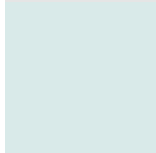
Original Color

82.5355, 0.2853, 0.3344



Achromatopsia

78.3538, 0.3127, 0.3290



Achromatomaly

79.4805, 0.3021, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.5355, 0.2853, 0.3344 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(195, 244, 239)` looks like.

```
.text, #text, p{  
    color:rgb(195, 244, 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(195, 244, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 244, 239) }
```

Border

The CSS property to change the border of an element to Yxy 82.5355, 0.2853, 0.3344 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(195, 244, 239) }
```

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

```
.border{ border-color:rgb(195, 244, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 244, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 244, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 244, 239);  
box-shadow:4px 4px 4px 4px rgb(195, 244,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 82.5355, 0.2853, 0.3344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 244, 239) }
```

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

```
.background{ background-color: rgb(195,  
244, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor