

Converting Colors

$Yxy(82.2946, 0.2937, 0.3425)$

Have a look what the booklet for
Yxy(82.2946, 0.2937, 0.3425)
contains.

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Color

Yxy(82.2882, 0.2933, 0.3420)

Conversions

Conversions Part 1

Format	Color
Hex	C9F3E7
RGB	201, 243, 231
RGB Percent	79%, 95%, 91%
CMY	0.2115, 0.0471, 0.0942
CMYK	0.17, 0.00, 0.05, 0.05
HSL	163°, 64%, 87%
HSV	163°, 17%, 95%
XYZ	70.5706, 82.2882, 87.7500
YIQ	229.0740, -21.1800, -12.6360

Conversions

Conversions Part 2

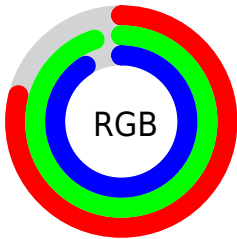
Format	Color
R _Y B	201, 226, 243
Decimal	13235175
CIE Lab	92.70, -15.79, 1.30
CIE LCh	93, 15.839, 175.302
Yxy	82.2882, 0.2933, 0.3420
Android (android.graphics.Color)	4291425255 (0xFFC9F3E7)
YUV	229.0740, 0.9495, -24.6209
Hunter-Lab	90.7128, -19.8824, 6.1455

Details

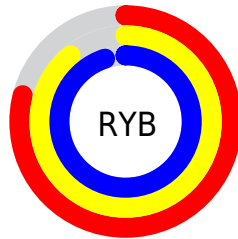
The Yxy color **82.2882, 0.2933, 0.3420** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.6614, 0.3367, 0.3164**, and the grayscale version is **78.4248, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.7468, 0.2889, 0.3460** is the 20% darker color. If you saturate the color by 10%, you get **78.7994, 0.2829, 0.3506**, and if you desaturate by 10%, it is **86.3323, 0.3044, 0.3342**.

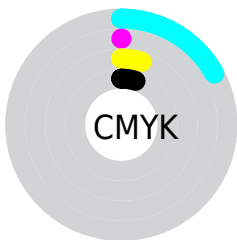
Distribution



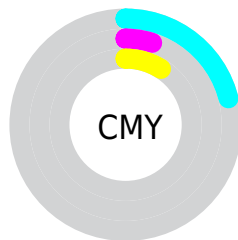
- Red (79%)
- Green (95%)
- Blue (91%)



- Red (79%)
- Yellow (89%)
- Blue (95%)



- Cyan (17%)
- Magenta (0%)
- Yellow (5%)
- Black (5%)




- Cyan (21%)
- Magenta (5%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.2882, 0.2933, 0.3420 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 82.2882, 0.2933, 0.3420 by changing the saturation by 10% instead.


 82.2882, 0.2933,
0.3420

 82.2882, 0.2933,
0.3420

502.6112, 0.3021,
0.3361

 61.6031, 0.2913,
0.3433

136.5781, 0.2963,
0.3400

 44.7121, 0.2889,
0.3450


170.9517, 0.2975,
0.3392

 31.2307, 0.2859,
0.3470


210.6569, 0.2985,
0.3385

 20.7746, 0.2820,
0.3497

256.0781, 0.2994,
0.3379

 12.9593, 0.2767,
0.3532

307.5998, 0.3002,
0.3374

 7.4006, 0.2694,
0.3583


365.6063, 0.3009,


 3.7138, 0.2582,

0.3369

0.3660


430.4819, 0.3015,
0.3365


 1.5148, 0.2394,
0.3793


 0.2991, 0.0000,
0.5600


 82.2882, 0.2933,
0.3420

 82.2882, 0.2933,
0.3420

 78.7994, 0.2829,
0.3506

 86.3323, 0.3044,
0.3342

 75.8303, 0.2734,
0.3598

 90.9449, 0.3159,
0.3271

 73.3574, 0.2652,
0.3697

 92.3773, 0.3151,
0.3205

 71.3508, 0.2586,
0.3802

 92.5777, 0.3133,
0.3175

■ 69.7777, 0.2538,
0.3909

■ 68.6009, 0.2510,
0.4019

■ 67.7764, 0.2502,
0.4128

■ 67.2475, 0.2514,
0.4236

■ 67.1299, 0.2518,
0.4266

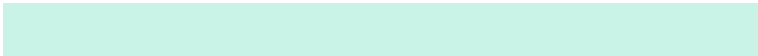
Harmonies

Analogous

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



82.2882, 0.3105, 0.3556



82.2882, 0.2933, 0.3420



82.2882, 0.2814, 0.3250

Triad

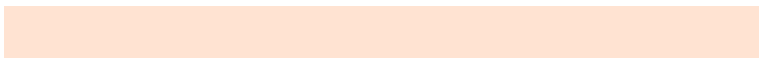
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.2882, 0.2933, 0.3420



82.2882, 0.2962, 0.2985



82.2882, 0.3490, 0.3468

Complementary

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



82.2882, 0.2933, 0.3420



65.6614, 0.3367, 0.3164

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.



82.2882, 0.3450, 0.3316



82.2882, 0.2933, 0.3420



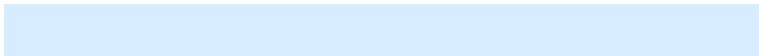
82.2882, 0.3141, 0.3044

Square

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



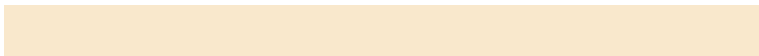
82.2882, 0.2933, 0.3420



82.2882, 0.2830, 0.3003



82.2882, 0.3321, 0.3163



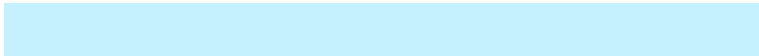
82.2882, 0.3429, 0.3578

Rectangle

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



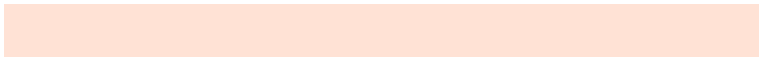
82.2882, 0.2933, 0.3420



82.2882, 0.2780, 0.3143



82.2882, 0.3321, 0.3163



82.2882, 0.3488, 0.3420

Sweetspot

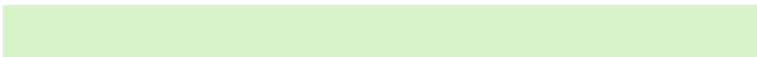
The Sweet Spot groups the original color and five complimentary colors.



82.2916, 0.2933, 0.3420



97.4285, 0.3070, 0.3325



82.5592, 0.3188, 0.3747



20.7791, 0.3061, 0.3331



0.0000, 0.0000, 0.0000



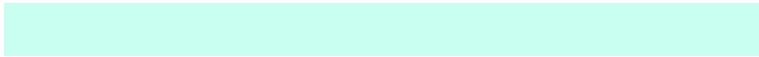
21.4041, 0.3127, 0.3290

Same Dimension

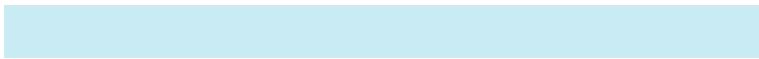
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.2916, 0.2933, 0.3420



90.2711, 0.2892, 0.3452



78.0879, 0.2862, 0.3198



18.6721, 0.3019, 0.3359



36.8697, 0.2514, 0.4249



3.2582, 0.2476, 0.4113

Inverse Universe

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



65.6614, 0.3367, 0.3164



68.2422, 0.3433, 0.3135



69.0929, 0.3445, 0.3380



16.5606, 0.3248, 0.3222



10.7179, 0.5811, 0.2975



0.9590, 0.5457, 0.2780

Previews

White Background



This preview shows how the Yxy color 82.2882, 0.2933, 0.3420 looks on a white background.

Color Contrast Check

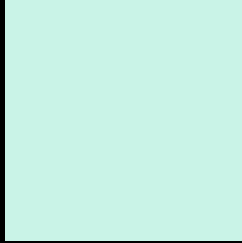
Large Text (above 18pt) WCAG AA × Fail

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 82.2882, 0.2933, 0.3420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

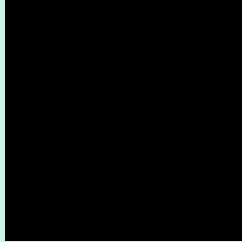
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

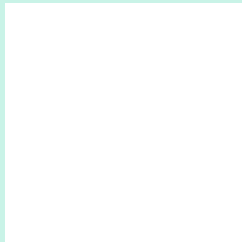
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.2882, 0.2933, 0.3420

Background



This preview shows how black text looks on a background with the Yxy color 82.2882, 0.2933, 0.3420.

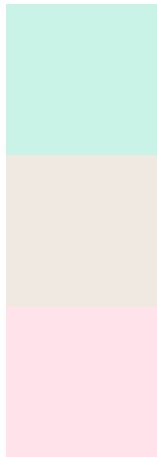


This preview shows how white text looks on a background with the Yxy color 82.2882, 0.2933, 0.3420.

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

82.2882, 0.2933, 0.3420

Protanopia

82.2393, 0.3226, 0.3372

Deuteranopia

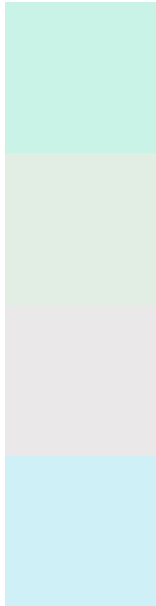
81.5932, 0.3278, 0.3211



Tritanopia

82.0707, 0.2851, 0.3112

Trichromacy



Original Color

82.2882, 0.2933, 0.3420

Protanomaly

82.2832, 0.3116, 0.3395

Deuteranomaly

81.2586, 0.3141, 0.3280

Tritanomaly

82.2394, 0.2884, 0.3226

Monochromacy



Original Color

82.2882, 0.2933, 0.3420

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

79.6189, 0.3052, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.2882, 0.2933, 0.3420 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(201, 243, 231)` looks like.

```
.text, #text, p{  
    color:rgb(201, 243, 231)  
}
```

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(201, 243, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 243, 231) }
```

Border

The CSS property to change the border of an element to Yxy 82.2882, 0.2933, 0.3420 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(201, 243, 231) }
```

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

```
.border{ border-color:rgb(201, 243, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 243, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 243, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 243, 231);  
box-shadow:4px 4px 4px 4px rgb(201, 243,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 82.2882, 0.2933, 0.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 243, 231) }
```

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

```
.background{ background-color: rgb(201,  
243, 231) }
```

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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