

Converting Colors

Yxy(82.2981, 0.3038, 0.3553)

Have a look what the booklet for
Yxy(82.2981, 0.3038, 0.3553)
contains.

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Color

Yxy(82.4811, 0.3038, 0.3551)

Conversions

Conversions Part 1

Format	Color
Hex	CFF3DB
RGB	207, 243, 219
RGB Percent	81%, 95%, 86%
CMY	0.1883, 0.0470, 0.1411
CMYK	0.15, 0.00, 0.10, 0.05
HSL	140°, 60%, 88%
HSV	140°, 15%, 95%
XYZ	70.5654, 82.4811, 79.2292
YIQ	229.5000, -13.7520, -15.0960

Conversions

Conversions Part 2

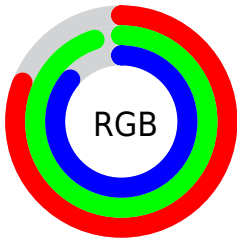
Format	Color
R _Y B	207, 234, 243
Decimal	13628379
CIE Lab	92.79, -16.16, 7.67
CIE LCh	93, 17.892, 154.601
Yxy	82.4811, 0.3038, 0.3551
Android (android.graphics.Color)	4291818459 (0xFFCFF3DB)
YUV	229.5000, -5.1765, -19.7325
Hunter-Lab	90.8191, -20.2411, 11.8497

Details

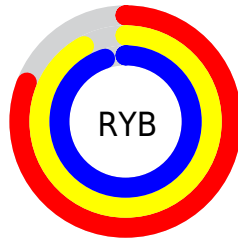
The Yxy color **82.4811, 0.3038, 0.3551** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.4388, 0.3229, 0.3042**, and the grayscale version is **78.7884, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.8964, 0.3015, 0.3617** is the 20% darker color. If you saturate the color by 10%, you get **78.4387, 0.2980, 0.3754**, and if you desaturate by 10%, it is **87.1520, 0.3098, 0.3370**.

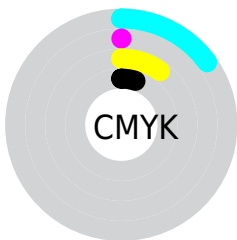
Distribution



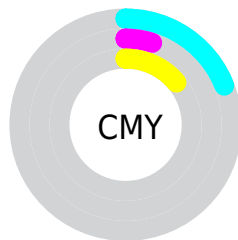
- Red (81%)
- Green (95%)
- Blue (86%)



- Red (81%)
- Yellow (92%)
- Blue (95%)



- Cyan (15%)
- Magenta (0%)
- Yellow (10%)
- Black (5%)





- Cyan (19%)
- Magenta (5%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.4811, 0.3038, 0.3551 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 82.4811, 0.3038, 0.3551 by changing the saturation by 10% instead.


 82.4811, 0.3038,
0.3551

 82.4811, 0.3038,
0.3551


503.2555, 0.3080,
0.3431

 61.7622, 0.3028,
0.3578


136.8485, 0.3052,
0.3509

 44.8406, 0.3017,
0.3612


171.2657, 0.3058,
0.3493

 31.3319, 0.3002,
0.3655


211.0178, 0.3063,
0.3479

 20.8517, 0.2982,
0.3712

256.4892, 0.3067,
0.3467

 13.0156, 0.2955,
0.3788

308.0643, 0.3071,
0.3456

 7.4393, 0.2915,
0.3899

366.1274, 0.3074,

 3.7383, 0.2853,

0.3447

0.4072

431.0630, 0.3077,
0.3438

■ 1.5283, 0.2739,
0.4380

■ 0.3085, 0.0000,
1.0000

■ 82.4811, 0.3038,
0.3551

■ 82.4811, 0.3038,
0.3551

■ 78.4387, 0.2980,
0.3754

■ 87.1520, 0.3098,
0.3370

■ 74.9874, 0.2926,
0.3977

■ 92.3561, 0.3154,
0.3210

■ 72.1018, 0.2879,
0.4219

■ 92.5872, 0.3133,
0.3175

■ 69.7504, 0.2843,
0.4474

■ 67.8988, 0.2820,
0.4735

■ 66.5081, 0.2814,
0.4991

■ 65.5334, 0.2826,
0.5231

■ 64.9203, 0.2854,
0.5443

■ 64.7042, 0.2872,
0.5540

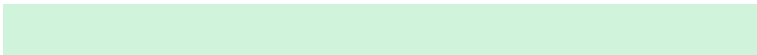
Harmonies

Analogous

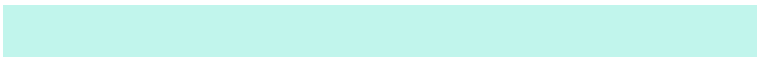
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.4811, 0.3246, 0.3647



82.4811, 0.3038, 0.3551



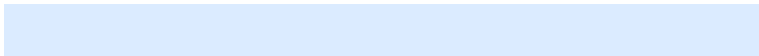
82.4811, 0.2858, 0.3378

Triad

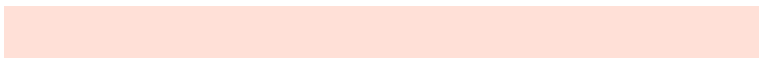
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.4811, 0.3038, 0.3551



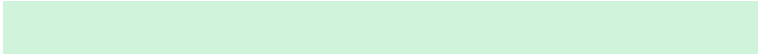
82.4811, 0.2830, 0.2951



82.4811, 0.3518, 0.3374

Complementary

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



82.4811, 0.3038, 0.3551



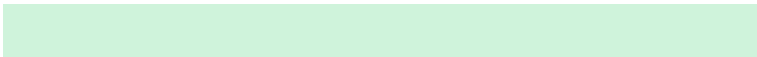
69.4388, 0.3229, 0.3042

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.



82.4811, 0.3400, 0.3198



82.4811, 0.3038, 0.3551



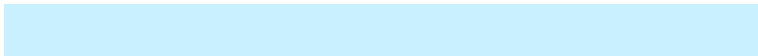
82.4811, 0.2999, 0.2959

Square

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



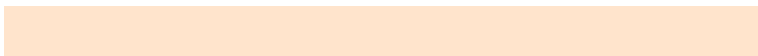
82.4811, 0.3038, 0.3551



82.4811, 0.2741, 0.3030



82.4811, 0.3208, 0.3049



82.4811, 0.3528, 0.3535

Rectangle

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



82.4811, 0.3038, 0.3551



82.4811, 0.2777, 0.3248



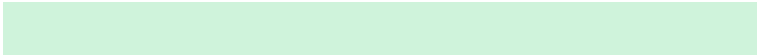
82.4811, 0.3208, 0.3049



82.4811, 0.3490, 0.3314

Sweetspot

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



82.4846, 0.3038, 0.3551



97.6868, 0.3103, 0.3356



85.5998, 0.3268, 0.3668



20.8187, 0.3098, 0.3369



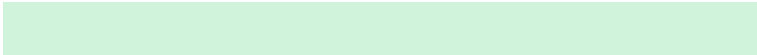
0.0000, 0.0000, 0.0000



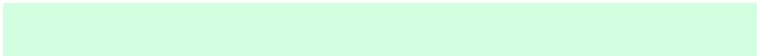
21.4041, 0.3127, 0.3290

Same Dimension

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



82.4846, 0.3038, 0.3551



90.4954, 0.3019, 0.3614



83.4839, 0.2935, 0.3354



18.5634, 0.3070, 0.3452



35.5310, 0.2864, 0.5511



3.1412, 0.2795, 0.5260

Inverse Universe

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



69.4388, 0.3229, 0.3042



73.1813, 0.3255, 0.2987



68.4742, 0.3360, 0.3228



16.6687, 0.3189, 0.3134



11.9119, 0.4277, 0.2130



1.0660, 0.4109, 0.2037

Previews

White Background



This preview shows how the Yxy color 82.4811, 0.3038, 0.3551 looks on a white background.

Color Contrast Check

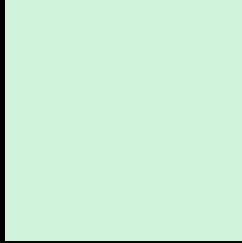
Large Text (above 18pt) WCAG AA × Fail

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 82.4811, 0.3038, 0.3551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

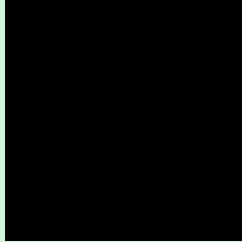
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

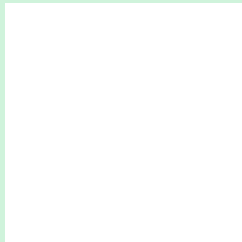
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.4811, 0.3038, 0.3551

Background



This preview shows how black text looks on a background with the Yxy color 82.4811, 0.3038, 0.3551.

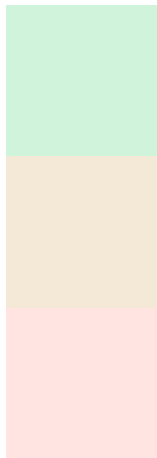


This preview shows how white text looks on a background with the Yxy color 82.4811, 0.3038, 0.3551.

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

82.4811, 0.3038, 0.3551

Protanopia

82.1876, 0.3318, 0.3486

Deuteranopia

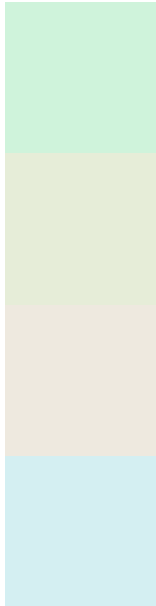
82.1830, 0.3336, 0.3321



Tritanopia

82.2354, 0.2881, 0.3103

Trichromacy



Original Color

82.4811, 0.3038, 0.3551

Protanomaly

82.3492, 0.3211, 0.3511

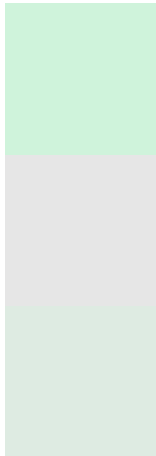
Deuteranomaly

81.7827, 0.3225, 0.3393

Tritanomaly

82.1409, 0.2937, 0.3258

Monochromacy



Original Color

82.4811, 0.3038, 0.3551

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

80.4372, 0.3096, 0.3385

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.4811, 0.3038, 0.3551 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(207, 243, 219)` looks like.

```
.text, #text, p{  
    color:rgb(207, 243, 219)  
}
```

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(207, 243, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 243, 219) }
```

Border

The CSS property to change the border of an element to Yxy 82.4811, 0.3038, 0.3551 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(207, 243, 219) }
```

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

```
.border{ border-color:rgb(207, 243, 219) }
```

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

Here you see how a box with a 4 pixel rgb(207, 243, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 243, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 243, 219);  
box-shadow:4px 4px 4px 4px rgb(207, 243,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 82.4811, 0.3038, 0.3551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 243, 219) }
```

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

```
.background{ background-color: rgb(207,  
243, 219) }
```

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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