

Converting Colors

Yxy(82.9721, 0.3060, 0.3924)

Have a look what the booklet for
Yxy(82.9721, 0.3060, 0.3924)
contains.

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Color

Yxy(82.9576, 0.3061, 0.3927)

Conversions

Conversions Part 1

Format	Color
Hex	BCFAC2
RGB	188, 250, 194
RGB Percent	74%, 98%, 76%
CMY	0.2627, 0.0196, 0.2393
CMYK	0.25, 0.00, 0.22, 0.02
HSL	126°, 86%, 86%
HSV	126°, 25%, 98%
XYZ	64.6634, 82.9576, 63.6283
YIQ	225.0780, -18.9760, -30.5600

Conversions

Conversions Part 2

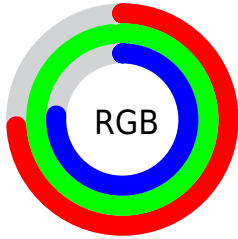
Format	Color
RYB	188, 245, 250
Decimal	12384962
CIELab	93.00, -30.06, 20.71
CIELCh	93, 36.503, 145.425
Yxy	82.9576, 0.3061, 0.3927
Android (android.graphics.Color)	4290575042 (0xFFBCFAC2)
YUV	225.0780, -15.3215, -32.5174
Hunter-Lab	91.0811, -32.6650, 22.3374

Details

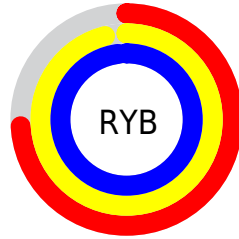
The Yxy color **82.9576, 0.3061, 0.3927** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.8342, 0.3200, 0.2727**, and the grayscale version is **75.4799, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8975, 0.3088, 0.3329**, and **45.0199, 0.3037, 0.4084** is the 20% darker color. If you saturate the color by 10%, you get **79.1166, 0.3034, 0.4235**, and if you desaturate by 10%, it is **87.5100, 0.3088, 0.3647**.

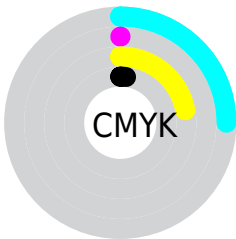
Distribution



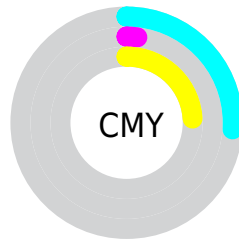
- Red (74%)
- Green (98%)
- Blue (76%)



- Red (74%)
- Yellow (96%)
- Blue (98%)



- Cyan (25%)
- Magenta (0%)
- Yellow (22%)
- Black (2%)




- Cyan (26%)
- Magenta (2%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.9576, 0.3061, 0.3927 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 82.9576, 0.3061, 0.3927 by changing the saturation by 10% instead.


 82.9576, 0.3061,
0.3927

 82.9576, 0.3061,
0.3927


504.8452, 0.3097,
0.3627

 62.1552, 0.3051,
0.3997


 137.5161, 0.3075,
0.3822

 45.1581, 0.3039,
0.4084


172.0409, 0.3080,
0.3781

 31.5820, 0.3021,
0.4194

211.9087, 0.3084,
0.3746

 21.0424, 0.2997,
0.4341

257.5038, 0.3087,
0.3716

 13.1550, 0.2960,
0.4542

309.2106, 0.3090,
0.3690

 7.5354, 0.2900,
0.4836

367.4135, 0.3093,

 3.7991, 0.2789,

0.3666

0.5299

432.4969, 0.3095,
0.3645

■ 1.5618, 0.2739,
0.6750

■ 0.3317, 0.0000,
1.0000

■ 82.9576, 0.3061,
0.3927

■ 82.9576, 0.3061,
0.3927

■ 79.1166, 0.3034,
0.4235

■ 87.5100, 0.3088,
0.3647

■ 75.9411, 0.3010,
0.4564

■ 92.7961, 0.3115,
0.3398

■ 73.3963, 0.2989,
0.4900

■ 96.8532, 0.3129,
0.3242

■ 71.4399, 0.2975,
0.5224

■ 70.0244, 0.2969,
0.5511

■ 69.0951, 0.2971,
0.5741

■ 68.5850, 0.2980,
0.5896

■ 68.4392, 0.2986,
0.5948

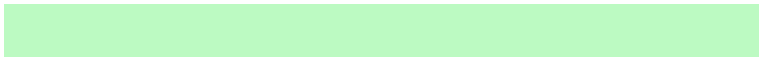
Harmonies

Analogous

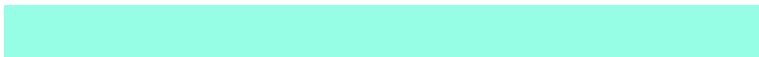
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.9576, 0.3477, 0.4050



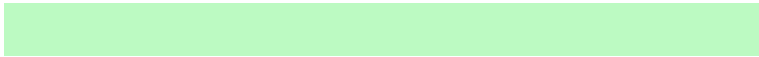
82.9576, 0.3061, 0.3927



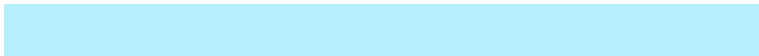
82.9576, 0.2679, 0.3590

Triad

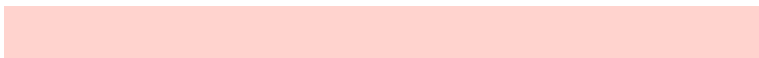
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.9576, 0.3061, 0.3927



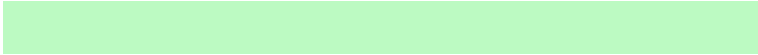
82.9576, 0.2465, 0.2642



82.9576, 0.3879, 0.3330

Complementary

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



82.9576, 0.3061, 0.3927



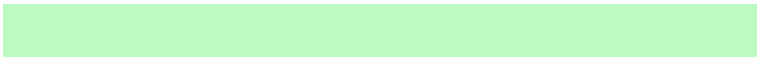
62.8342, 0.3200, 0.2727

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.



82.9576, 0.3571, 0.3004



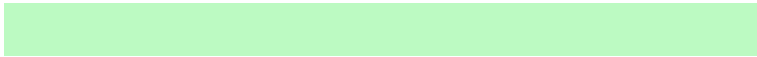
82.9576, 0.3061, 0.3927



82.9576, 0.2748, 0.2620

Square

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



82.9576, 0.3061, 0.3927



82.9576, 0.2352, 0.2833



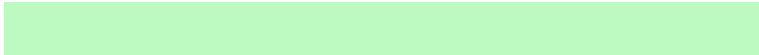
82.9576, 0.3150, 0.2751



82.9576, 0.3967, 0.3667

Rectangle

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



82.9576, 0.3061, 0.3927



82.9576, 0.2493, 0.3312



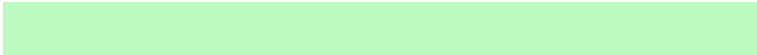
82.9576, 0.3150, 0.2751



82.9576, 0.3797, 0.3216

Sweetspot

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



82.9611, 0.3061, 0.3927



95.7744, 0.3109, 0.3451



91.3882, 0.3467, 0.3919



20.4256, 0.3107, 0.3465



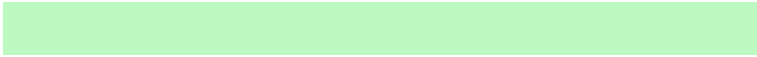
0.0000, 0.0000, 0.0000



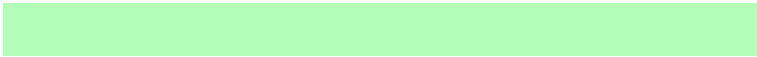
21.4041, 0.3127, 0.3290

Same Dimension

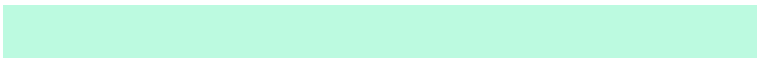
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.9611, 0.3061, 0.3927



84.5831, 0.3047, 0.4085



84.4585, 0.2896, 0.3576



19.3363, 0.3102, 0.3511



36.3104, 0.2982, 0.5935



3.3718, 0.2945, 0.5800

Inverse Universe

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



62.8342, 0.3200, 0.2727



60.0556, 0.3218, 0.2606



61.1469, 0.3436, 0.3022



17.4941, 0.3153, 0.3078



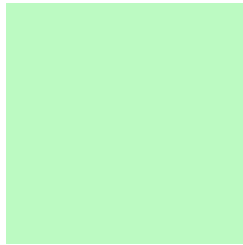
13.7042, 0.3467, 0.1684



1.2774, 0.3433, 0.1665

Previews

White Background



This preview shows how the Yxy color 82.9576, 0.3061, 0.3927 looks on a white background.

Color Contrast Check

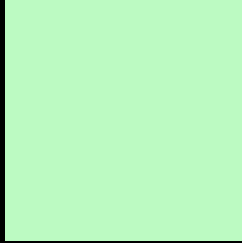
Large Text (above 18pt) WCAG AA × Fail

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 82.9576, 0.3061, 0.3927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

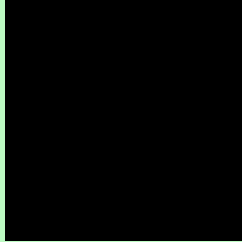
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

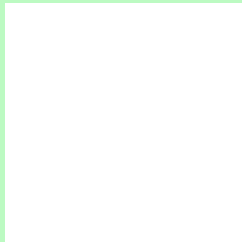
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.9576, 0.3061, 0.3927

Background



This preview shows how black text looks on a background with the Yxy color 82.9576, 0.3061, 0.3927.

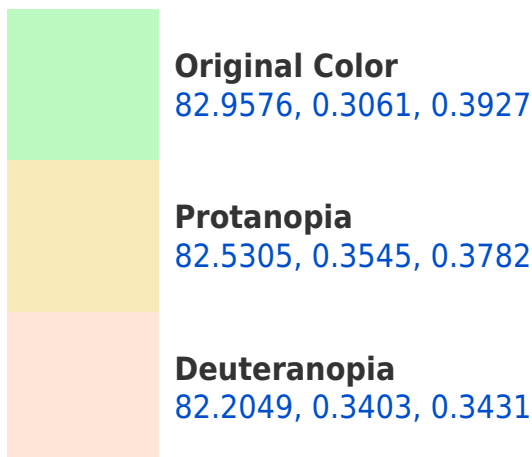


This preview shows how white text looks on a background with the Yxy color 82.9576, 0.3061, 0.3927.

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

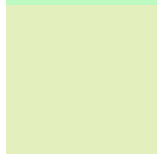
82.9501, 0.2840, 0.3132

Trichromacy



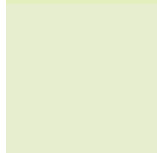
Original Color

82.9576, 0.3061, 0.3927



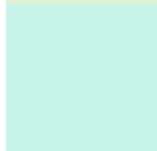
Protanomaly

82.3252, 0.3356, 0.3836



Deuteranomaly

82.0623, 0.3275, 0.3607



Tritanomaly

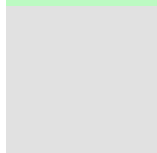
83.0021, 0.2922, 0.3409

Monochromacy



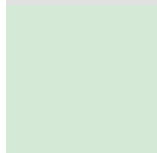
Original Color

82.9576, 0.3061, 0.3927



Achromatopsia

75.2942, 0.3127, 0.3290



Achromatomaly

77.6977, 0.3103, 0.3509

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.9576, 0.3061, 0.3927 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(188, 250, 194)` looks like.

```
.text, #text, p{  
    color:rgb(188, 250, 194)  
}
```

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(188, 250, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 250, 194) }
```

Border

The CSS property to change the border of an element to Yxy 82.9576, 0.3061, 0.3927 is called "border". The border property can be set on classes, ids or directly on the HTML element.

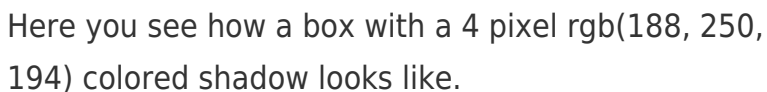
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 250, 194) }
```

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

```
.border{ border-color:rgb(188, 250, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 250, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 250, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 250, 194); box-shadow:4px 4px 4px 4px rgb(188, 250, 194) }
```


Background

The CSS property to change the background color of an element to Yxy 82.9576, 0.3061, 0.3927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 250, 194) }
```

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

```
.background{ background-color: rgb(188,  
250, 194) }
```

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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