

# Converting Colors

$Yxy(82.4997, 0.2922, 0.3844)$

Have a look what the booklet for  
Yxy(82.4997, 0.2922, 0.3844)  
contains.

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# Color

**Yxy(82.1904, 0.2924, 0.3845)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ADFBCB
RGB	173, 251, 203
RGB Percent	68%, 98%, 80%
CMY	0.3217, 0.0156, 0.2039
CMYK	0.31, 0.00, 0.19, 0.02
HSL	143°, 91%, 83%
HSV	143°, 31%, 98%
XYZ	62.5032, 82.1904, 69.0656
YIQ	222.2060, -31.0800, -31.4640

# Conversions

## Conversions Part 2

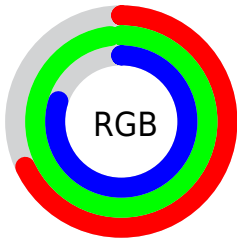
<b>Format</b>	<b>Color</b>
<b>RYB</b>	173, 229, 251
Decimal	11402187
CIELab	92.66, -33.56, 15.50
CIELCh	93, 36.962, 155.206
Yxy	82.1904, 0.2924, 0.3845
Android (android.graphics.Color)	4289592267 (0xFFADFBCB)
YUV	222.2060, -9.4686, -43.1537
Hunter-Lab	90.6589, -35.5895, 18.2931

# Details

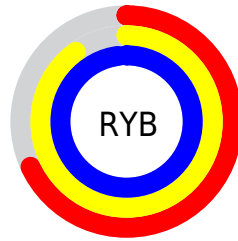
The Yxy color **82.1904, 0.2924, 0.3845** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **55.6039, 0.3407, 0.2795**, and the grayscale version is **73.2808, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5630, 0.2976, 0.3290**, and **44.6051, 0.2870, 0.3978** is the 20% darker color. If you saturate the color by 10%, you get **78.8968, 0.2869, 0.4062**, and if you desaturate by 10%, it is **86.1016, 0.2986, 0.3646**.

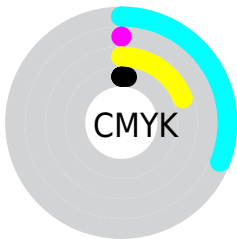
# Distribution



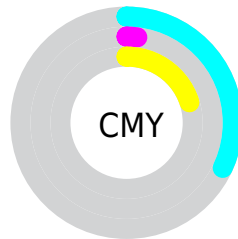
- Red (68%)
- Green (98%)
- Blue (80%)



- Red (68%)
- Yellow (90%)
- Blue (98%)



- Cyan (31%)
- Magenta (0%)
- Yellow (19%)
- Black (2%)




- Cyan (32%)
- Magenta (2%)
- Yellow (20%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 82.1904, 0.2924, 0.3845 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 82.1904, 0.2924, 0.3845 by changing the saturation by 10% instead.



 82.1904, 0.2924,  
0.3845

 82.1904, 0.2924,  
0.3845


502.2843, 0.3021,  
0.3583

 61.5225, 0.2901,  
0.3906


 136.4410, 0.2958,  
0.3753

 44.6470, 0.2873,  
0.3982


170.7924, 0.2971,  
0.3718

 31.1795, 0.2836,  
0.4079


210.4739, 0.2983,  
0.3688

 20.7355, 0.2787,  
0.4207

255.8696, 0.2992,  
0.3661

 12.9308, 0.2718,  
0.4384

307.3642, 0.3001,  
0.3638

 7.3809, 0.2616,  
0.4644


365.3419, 0.3008,


 3.7015, 0.2450,


0.3618


0.5060


430.1872, 0.3015,  
0.3600


 1.5080, 0.2082,  
0.6122


 0.2943, 0.0000,  
1.0000


 82.1904, 0.2924,  
0.3845


 82.1904, 0.2924,  
0.3845


 78.8968, 0.2869,  
0.4062


 86.1016, 0.2986,  
0.3646


 76.1783, 0.2823,  
0.4294

 90.6502, 0.3052,  
0.3466

 74.0029, 0.2792,  
0.4535

 95.8672, 0.3120,  
0.3306

 72.3313, 0.2777,  
0.4777

 97.4822, 0.3129,  
0.3252

■ 71.1182, 0.2780,  
0.5013

■ 70.3101, 0.2803,  
0.5231

■ 69.8576, 0.2835,  
0.5405

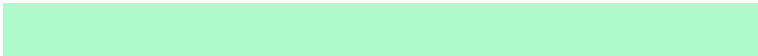
# Harmonies

## Analogous

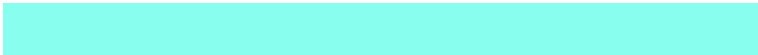
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.1904, 0.3348, 0.4050



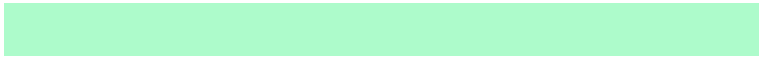
82.1904, 0.2924, 0.3845



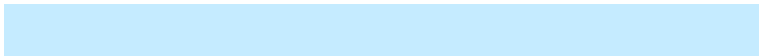
82.1904, 0.2571, 0.3458

# Triad

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



82.1904, 0.2924, 0.3845



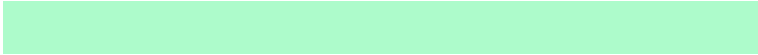
82.1904, 0.2531, 0.2607



82.1904, 0.3947, 0.3443

# Complementary

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



82.1904, 0.2924, 0.3845



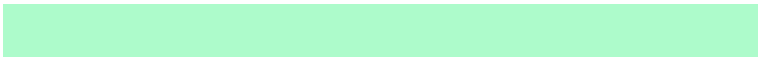
55.6039, 0.3407, 0.2795

# 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.



82.1904, 0.3699, 0.3102



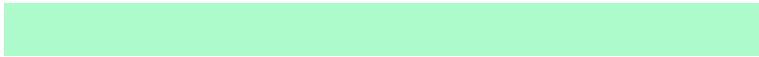
82.1904, 0.2924, 0.3845



82.1904, 0.2865, 0.2638

# Square

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



82.1904, 0.2924, 0.3845



82.1904, 0.2358, 0.2744



82.1904, 0.3293, 0.2815

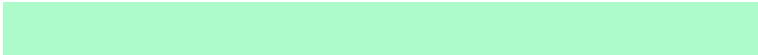


82.1904, 0.3954, 0.3773



# Rectangle

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



82.1904, 0.2924, 0.3845



82.1904, 0.2418, 0.3177



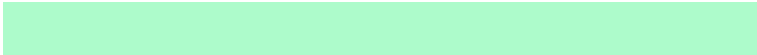
82.1904, 0.3293, 0.2815



82.1904, 0.3889, 0.3327

# Sweetspot

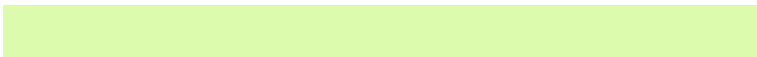
The Sweet Spot groups the original color and five complimentary colors.



82.1938, 0.2924, 0.3845



95.0279, 0.3066, 0.3431



87.4048, 0.3393, 0.4125



20.1793, 0.3056, 0.3456



0.0000, 0.0000, 0.0000

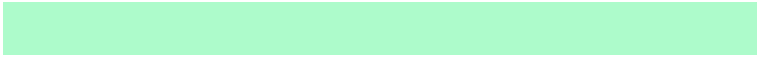


21.4041, 0.3127, 0.3290

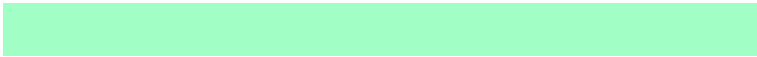


# Same Dimension

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



82.1938, 0.2924, 0.3845



83.0899, 0.2890, 0.3972



84.2875, 0.2724, 0.3390



19.4198, 0.3063, 0.3439



36.7421, 0.2826, 0.5374



3.4230, 0.2760, 0.5135



# Inverse Universe

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



55.6039, 0.3407, 0.2795



51.7260, 0.3478, 0.2699



53.7647, 0.3754, 0.3195



17.4047, 0.3197, 0.3145



12.0436, 0.4481, 0.2242

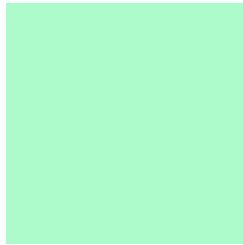


1.1362, 0.4287, 0.2135



# Previews

## White Background



This preview shows how the Yxy color 82.1904, 0.2924, 0.3845 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 82.1904, 0.2924, 0.3845 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

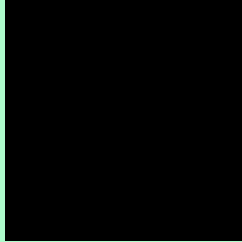
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 82.1904, 0.2924, 0.3845**

## **Background**



This preview shows how black text looks on a background with the Yxy color 82.1904, 0.2924, 0.3845.

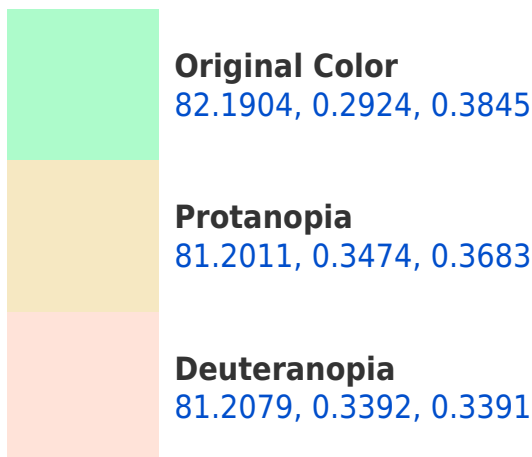


This preview shows how white text looks on a background with the Yxy color 82.1904, 0.2924, 0.3845.

# 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

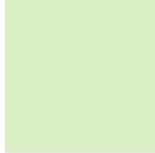
81.6823, 0.2788, 0.3130

# Trichromacy



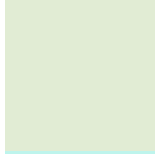
## Original Color

82.1904, 0.2924, 0.3845



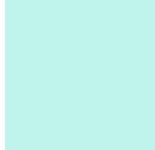
## Protanomaly

80.8243, 0.3252, 0.3747



## Deuteranomaly

80.7519, 0.3203, 0.3546



## Tritanomaly

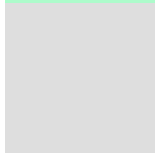
81.7046, 0.2841, 0.3377

# Monochromacy



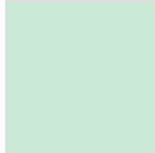
## Original Color

82.1904, 0.2924, 0.3845



## Achromatopsia

73.0461, 0.3127, 0.3290



## Achromatomaly

76.0215, 0.3044, 0.3490

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 82.1904, 0.2924, 0.3845 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(173, 251, 203)` looks like.

```
.text, #text, p{  
    color:rgb(173, 251, 203)  
}
```

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(173, 251, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 251, 203) }
```

## Border

The CSS property to change the border of an element to Yxy 82.1904, 0.2924, 0.3845 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(173, 251, 203) }
```

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

```
.border{ border-color:rgb(173, 251, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 251, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 251, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 251, 203);  
box-shadow:4px 4px 4px 4px rgb(173, 251,  
203) }
```



# Background

The CSS property to change the background color of an element to Yxy 82.1904, 0.2924, 0.3845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 251, 203) }
```

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

```
.background{ background-color: rgb(173,  
251, 203) }
```

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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