

Converting Colors

$Yxy(81.4588, 0.3072, 0.4051)$

Have a look what the booklet for
Yxy(81.4588, 0.3072, 0.4051)
contains.

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Color

Yxy(81.6557, 0.3073, 0.4054)

Conversions

Conversions Part 1

Format	Color
Hex	B5FAB8
RGB	181, 250, 184
RGB Percent	71%, 98%, 72%
CMY	0.2902, 0.0196, 0.2783
CMYK	0.28, 0.00, 0.26, 0.02
HSL	123°, 87%, 85%
HSV	123°, 28%, 98%
XYZ	61.8964, 81.6557, 57.8680
YIQ	221.8450, -19.9380, -35.1540

Conversions

Conversions Part 2

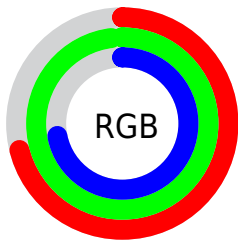
Format	Color
RYB	181, 247, 250
Decimal	11926200
CIELab	92.42, -33.95, 24.93
CIElCh	92, 42.121, 143.706
Yxy	81.6557, 0.3073, 0.4054
Android (android.graphics.Color)	4290116280 (0xFFB5FAB8)
YUV	221.8450, -18.6576, -35.8211
Hunter-Lab	90.3635, -35.8689, 25.2857

Details

The Yxy color **81.6557, 0.3073, 0.4054** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **60.0850, 0.3182, 0.2629**, and the grayscale version is **73.0803, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9884, 0.3108, 0.3439**, and **44.2142, 0.3046, 0.4238** is the 20% darker color. If you saturate the color by 10%, you get **77.9840, 0.3052, 0.4387**, and if you desaturate by 10%, it is **86.0459, 0.3094, 0.3748**.

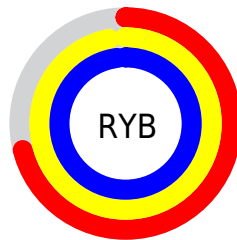
Distribution



Red (71%)

Green (98%)

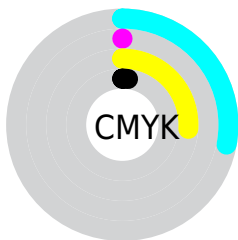
Blue (72%)



Red (71%)

Yellow (97%)

Blue (98%)

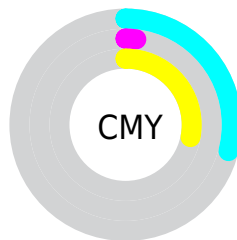


Cyan (28%)

Magenta (0%)

Yellow (26%)

Black (2%)



Cyan (29%)


Magenta (2%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.6557, 0.3073, 0.4054 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 81.6557, 0.3073, 0.4054 by changing the saturation by 10% instead.

 81.6557, 0.3073,
0.4054

 81.6557, 0.3073,
0.4054


500.4953, 0.3107,
0.3691

 61.0818, 0.3063,
0.4139


 135.6911, 0.3086,
0.3926

 44.2912, 0.3050,
0.4245


169.9213, 0.3091,
0.3877

 30.8995, 0.3031,
0.4381


209.4724, 0.3095,
0.3835

 20.5223, 0.3004,
0.4561

254.7289, 0.3098,
0.3798

 12.7753, 0.2960,
0.4809

306.0750, 0.3101,
0.3766

 7.2740, 0.2886,
0.5172

363.8951, 0.3103,


 3.6340, 0.2742,

0.3738

0.5742


428.5738, 0.3105,
0.3713


 1.4710, 0.2454,
0.7546


 0.2682, 0.0000,
1.0000


 81.6557, 0.3073,
0.4054


 81.6557, 0.3073,
0.4054

 77.9840, 0.3052,
0.4387


 86.0459, 0.3094,
0.3748

 74.9828, 0.3032,
0.4736

 91.1789, 0.3113,
0.3475

 72.6147, 0.3015,
0.5083

 96.8530, 0.3129,
0.3242

 70.8343, 0.3002,
0.5402

■ 69.5902, 0.2994,
0.5668

■ 68.8220, 0.2992,
0.5859

■ 68.4514, 0.2995,
0.5966

■ 68.3972, 0.2995,
0.5981

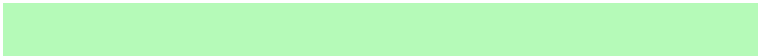
Harmonies

Analogous

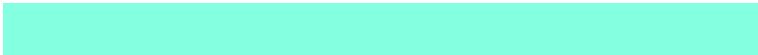
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.6557, 0.3552, 0.4175



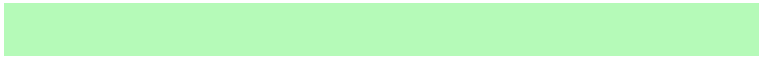
81.6557, 0.3073, 0.4054



81.6557, 0.2630, 0.3667

Triad

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



81.6557, 0.3073, 0.4054



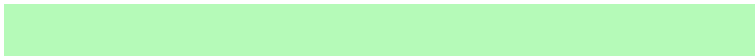
81.6557, 0.2354, 0.2552



81.6557, 0.3986, 0.3306

Complementary

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



81.6557, 0.3073, 0.4054



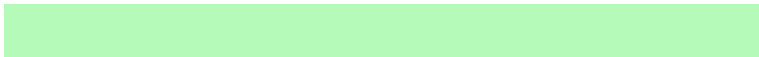
60.0850, 0.3182, 0.2629

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.



81.6557, 0.3615, 0.2940



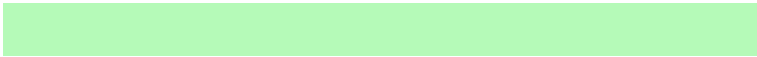
81.6557, 0.3073, 0.4054



81.6557, 0.2665, 0.2520

Square

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



81.6557, 0.3073, 0.4054



81.6557, 0.2238, 0.2776



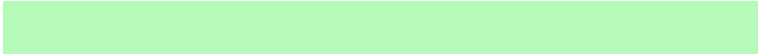
81.6557, 0.3121, 0.2661



81.6557, 0.4103, 0.3693

Rectangle

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



81.6557, 0.3073, 0.4054



81.6557, 0.2411, 0.3339



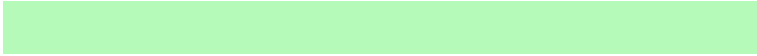
81.6557, 0.3121, 0.2661



81.6557, 0.3886, 0.3178

Sweetspot

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



81.6592, 0.3073, 0.4054



95.1412, 0.3112, 0.3486



91.6114, 0.3530, 0.3985



20.1811, 0.3110, 0.3525



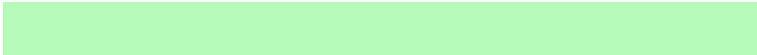
0.0000, 0.0000, 0.0000



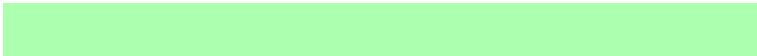
21.4041, 0.3127, 0.3290

Same Dimension

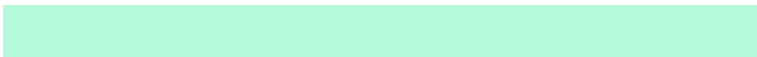
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.6592, 0.3073, 0.4054



83.2390, 0.3062, 0.4232



83.2483, 0.2890, 0.3653



19.3216, 0.3110, 0.3524



36.2845, 0.2992, 0.5973



3.3648, 0.2974, 0.5907

Inverse Universe

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



60.0850, 0.3182, 0.2629



57.3125, 0.3194, 0.2500



58.1863, 0.3453, 0.2955



17.5106, 0.3145, 0.3066



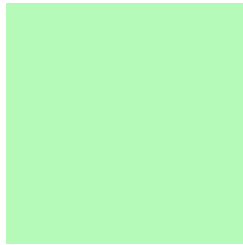
14.0913, 0.3323, 0.1604



1.3091, 0.3308, 0.1596

Previews

White Background



This preview shows how the Yxy color 81.6557, 0.3073, 0.4054 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 81.6557, 0.3073, 0.4054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

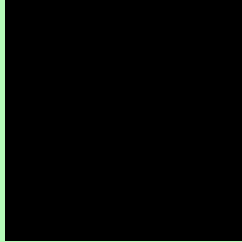
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

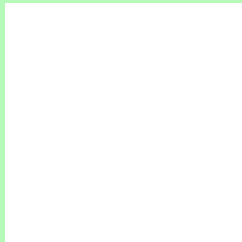
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.6557, 0.3073, 0.4054

Background



This preview shows how black text looks on a background with the Yxy color 81.6557, 0.3073, 0.4054.

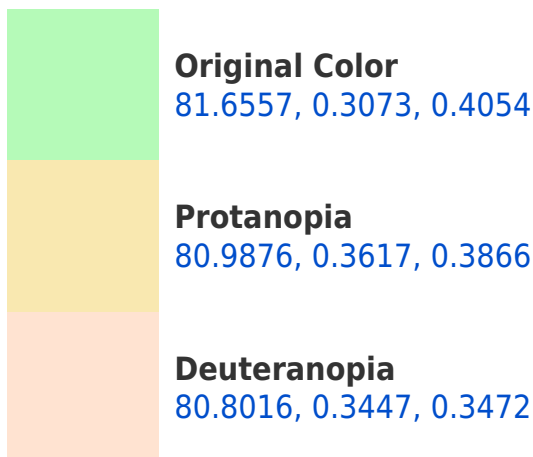


This preview shows how white text looks on a background with the Yxy color 81.6557, 0.3073, 0.4054.

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

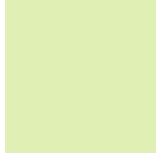
81.5096, 0.2805, 0.3120

Trichromacy



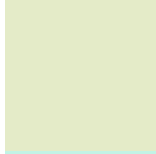
Original Color

81.6557, 0.3073, 0.4054



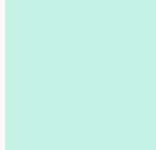
Protanomaly

80.8350, 0.3400, 0.3940



Deuteranomaly

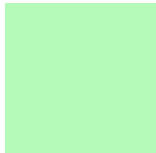
80.0808, 0.3301, 0.3665



Tritanomaly

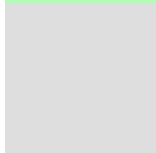
81.2277, 0.2902, 0.3444

Monochromacy



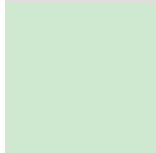
Original Color

81.6557, 0.3073, 0.4054



Achromatopsia

73.0461, 0.3127, 0.3290



Achromatomaly

75.5327, 0.3108, 0.3558

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.6557, 0.3073, 0.4054 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(181, 250, 184)` looks like.

```
.text, #text, p{  
    color:rgb(181, 250, 184)  
}
```

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(181, 250, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 250, 184) }
```

Border

The CSS property to change the border of an element to Yxy 81.6557, 0.3073, 0.4054 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(181, 250, 184) }
```

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

```
.border{ border-color:rgb(181, 250, 184) }
```

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

Here you see how a box with a 4 pixel rgb(181, 250, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 250, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 250, 184);  
box-shadow:4px 4px 4px 4px rgb(181, 250,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 81.6557, 0.3073, 0.4054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 250, 184) }
```

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

```
.background{ background-color: rgb(181,  
250, 184) }
```

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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