

Converting Colors

$Yxy(80.6208, 0.3065, 0.4025)$

Have a look what the booklet for
Yxy(80.6208, 0.3065, 0.4025)
contains.

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Color

Yxy(80.4613, 0.3068, 0.4022)

Conversions

Conversions Part 1

Format	Color
Hex	B5F8B9
RGB	181, 248, 185
RGB Percent	71%, 97%, 73%
CMY	0.2904, 0.0274, 0.2744
CMYK	0.27, 0.00, 0.25, 0.03
HSL	124°, 83%, 84%
HSV	124°, 27%, 97%
XYZ	61.3762, 80.4613, 58.2154
YIQ	220.7850, -19.7090, -33.7970

Conversions

Conversions Part 2

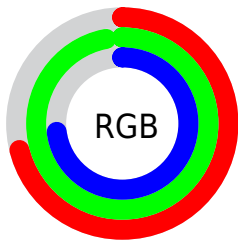
Format	Color
RYB	181, 244, 248
Decimal	11925689
CIELab	91.89, -32.88, 23.69
CIELCh	92, 40.525, 144.221
Yxy	80.4613, 0.3068, 0.4022
Android (android.graphics.Color)	4290115769 (0xFFB5F8B9)
YUV	220.7850, -17.6420, -34.8914
Hunter-Lab	89.7002, -34.8390, 24.3110

Details

The Yxy color **80.4613, 0.3068, 0.4022** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **59.5170, 0.3190, 0.2653**, and the grayscale version is **72.2822, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0480, 0.3102, 0.3429**, and **43.3632, 0.3039, 0.4197** is the 20% darker color. If you saturate the color by 10%, you get **76.8248, 0.3045, 0.4348**, and if you desaturate by 10%, it is **84.7993, 0.3091, 0.3724**.

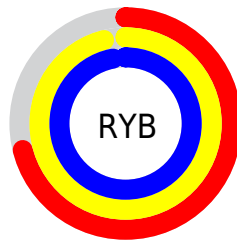
Distribution



Red (71%)

Green (97%)

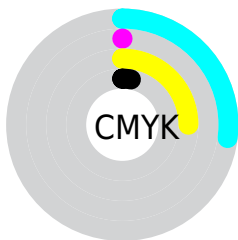
Blue (73%)



Red (71%)

Yellow (96%)

Blue (97%)

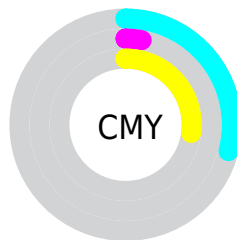


Cyan (27%)

Magenta (0%)

Yellow (25%)

Black (3%)



Cyan (29%)


Magenta (3%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.4613, 0.3068, 0.4022 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 80.4613, 0.3068, 0.4022 by changing the saturation by 10% instead.

 80.4613, 0.3068,
0.4022

 80.4613, 0.3068,
0.4022

496.4861, 0.3103,
0.3674

 60.0980, 0.3058,
0.4104


 134.0141, 0.3082,
0.3899

 43.4977, 0.3044,
0.4206


167.9724, 0.3087,
0.3852

 30.2758, 0.3026,
0.4337


207.2312, 0.3091,
0.3812

 20.0480, 0.2998,
0.4510

252.1749, 0.3094,
0.3777

 12.4299, 0.2955,
0.4750

303.1878, 0.3097,
0.3746

 7.0372, 0.2882,
0.5103


360.6544, 0.3099,


 3.4854, 0.2742,


0.3719


0.5662


424.9590, 0.3101,
0.3695


 1.3901, 0.2440,
0.7560


 0.2094, 0.0000,
1.0000


 80.4613, 0.3068,
0.4022


 80.4613, 0.3068,
0.4022


 76.8248, 0.3045,
0.4348


 84.7993, 0.3091,
0.3724

 73.8435, 0.3024,
0.4691

 89.8622, 0.3113,
0.3458

 71.4813, 0.3006,
0.5034

 95.6159, 0.3131,
0.3224

 69.6948, 0.2993,
0.5355

 95.6214, 0.3130,
0.3223

■ 68.4344, 0.2986,
0.5627

■ 67.6426, 0.2986,
0.5830

■ 67.2468, 0.2992,
0.5950

■ 67.1762, 0.2992,
0.5972

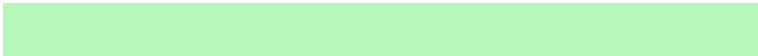
Harmonies

Analogous

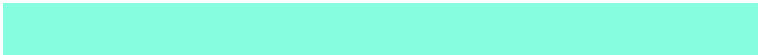
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.4613, 0.3532, 0.4145



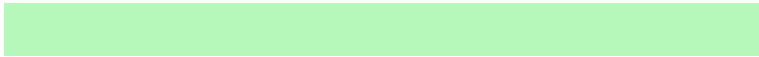
80.4613, 0.3068, 0.4022



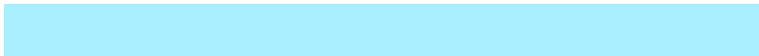
80.4613, 0.2640, 0.3646

Triad

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



80.4613, 0.3068, 0.4022



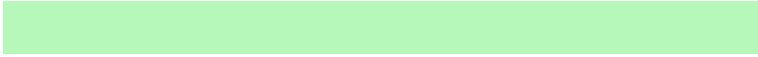
80.4613, 0.2381, 0.2573



80.4613, 0.3962, 0.3314

Complementary

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



80.4613, 0.3068, 0.4022



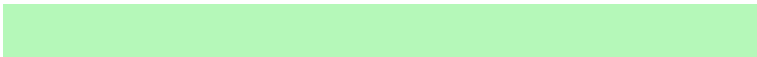
59.5170, 0.3190, 0.2653

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.



80.4613, 0.3607, 0.2957



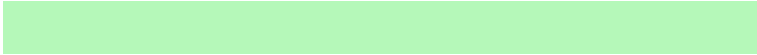
80.4613, 0.3068, 0.4022



80.4613, 0.2686, 0.2544

Square

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



80.4613, 0.3068, 0.4022



80.4613, 0.2265, 0.2788



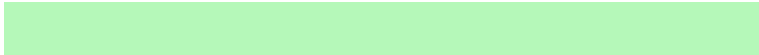
80.4613, 0.3130, 0.2683



80.4613, 0.4070, 0.3689

Rectangle

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



80.4613, 0.3068, 0.4022



80.4613, 0.2429, 0.3331



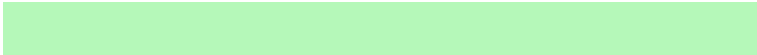
80.4613, 0.3130, 0.2683



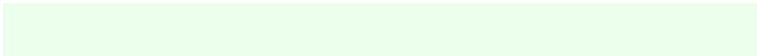
80.4613, 0.3866, 0.3189

Sweetspot

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



80.4647, 0.3068, 0.4022



95.1611, 0.3110, 0.3482



89.8270, 0.3513, 0.3973



20.1861, 0.3107, 0.3521



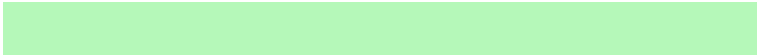
0.0000, 0.0000, 0.0000



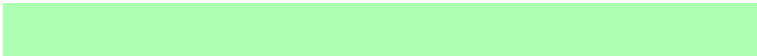
21.4041, 0.3127, 0.3290

Same Dimension

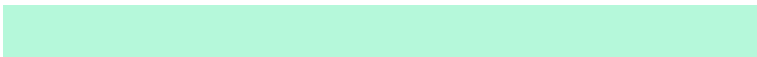
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.4647, 0.3068, 0.4022



83.6790, 0.3057, 0.4182



82.0137, 0.2889, 0.3631



19.3264, 0.3107, 0.3520



36.2916, 0.2990, 0.5963



3.3670, 0.2964, 0.5872

Inverse Universe

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



59.5170, 0.3190, 0.2653



58.2051, 0.3203, 0.2536



57.6994, 0.3453, 0.2974



17.5053, 0.3147, 0.3070



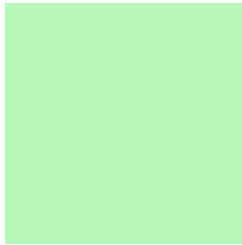
13.9635, 0.3368, 0.1629



1.2986, 0.3347, 0.1618

Previews

White Background



This preview shows how the Yxy color 80.4613, 0.3068, 0.4022 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 80.4613, 0.3068, 0.4022 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 80.4613, 0.3068, 0.4022

Background



This preview shows how black text looks on a background with the Yxy color 80.4613, 0.3068, 0.4022.

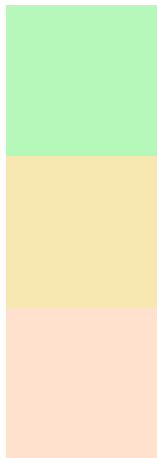


This preview shows how white text looks on a background with the Yxy color 80.4613, 0.3068, 0.4022.

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

80.4613, 0.3068, 0.4022

Protanopia

80.1003, 0.3598, 0.3850

Deuteranopia

79.5667, 0.3472, 0.3483



Tritanopia

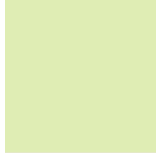
80.3748, 0.2781, 0.3108

Trichromacy



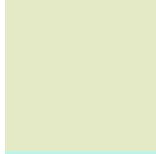
Original Color

80.4613, 0.3068, 0.4022



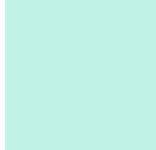
Protanomaly

79.5516, 0.3390, 0.3911



Deuteranomaly

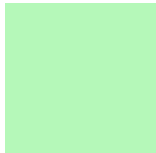
78.8490, 0.3317, 0.3666



Tritanomaly

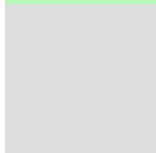
80.4239, 0.2884, 0.3422

Monochromacy



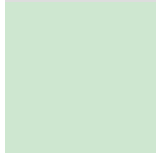
Original Color

80.4613, 0.3068, 0.4022



Achromatopsia

72.3055, 0.3127, 0.3290



Achromatomaly

74.8277, 0.3102, 0.3548

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.4613, 0.3068, 0.4022 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, 248, 185)` looks like.

```
.text, #text, p{  
    color:rgb(181, 248, 185)  
}
```

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, 248, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 248, 185) }
```

Border

The CSS property to change the border of an element to Yxy 80.4613, 0.3068, 0.4022 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, 248, 185) }
```

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

```
.border{ border-color:rgb(181, 248, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 248, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 248, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 248, 185);  
box-shadow:4px 4px 4px 4px rgb(181, 248,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 80.4613, 0.3068, 0.4022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 248, 185) }
```

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

```
.background{ background-color: rgb(181,  
248, 185) }
```

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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