

Converting Colors

$Yxy(80.7790, 0.3090, 0.4017)$

Have a look what the booklet for
Yxy(80.7790, 0.3090, 0.4017)
contains.

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Color

Yxy(80.8279, 0.3087, 0.4018)

Conversions

Conversions Part 1

Format	Color
Hex	B8F8B9
RGB	184, 248, 185
RGB Percent	72%, 97%, 73%
CMY	0.2783, 0.0275, 0.2744
CMYK	0.26, 0.00, 0.25, 0.03
HSL	121°, 82%, 85%
HSV	121°, 26%, 97%
XYZ	62.0995, 80.8279, 58.2371
YIQ	221.6820, -17.9210, -33.1610

Conversions

Conversions Part 2

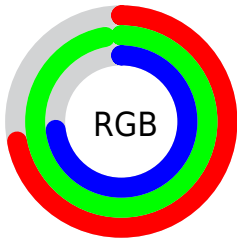
Format	Color
RYB	184, 247, 248
Decimal	12122297
CIELab	92.06, -31.89, 23.96
CIElCh	92, 39.886, 143.088
Yxy	80.8279, 0.3087, 0.4018
Android (android.graphics.Color)	4290312377 (0xFFB8F8B9)
YUV	221.6820, -18.0842, -33.0471
Hunter-Lab	89.9043, -34.0376, 24.5269

Details

The Yxy color **80.8279, 0.3087, 0.4018** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **60.9687, 0.3165, 0.2656**, and the grayscale version is **72.9581, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5716, 0.3121, 0.3428**, and **43.5947, 0.3062, 0.4191** is the 20% darker color. If you saturate the color by 10%, you get **77.0871, 0.3069, 0.4356**, and if you desaturate by 10%, it is **85.2895, 0.3104, 0.3709**.

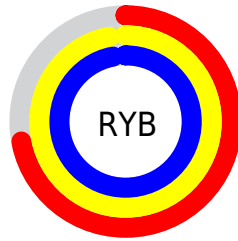
Distribution



Red (72%)

Green (97%)

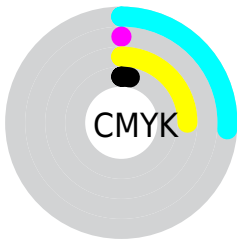
Blue (73%)



Red (72%)

Yellow (97%)

Blue (97%)

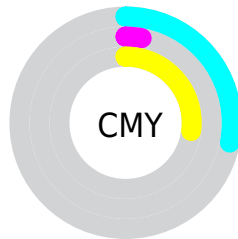


Cyan (26%)

Magenta (0%)

Yellow (25%)

Black (3%)



Cyan (28%)


Magenta (3%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.8279, 0.3087, 0.4018 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 80.8279, 0.3087, 0.4018 by changing the saturation by 10% instead.


 80.8279, 0.3087,
0.4018

 80.8279, 0.3087,
0.4018

497.7185, 0.3113,
0.3672

 60.3999, 0.3079,
0.4099


 134.5291, 0.3098,
0.3896

 43.7410, 0.3068,
0.4200


168.5710, 0.3102,
0.3849

 30.4670, 0.3052,
0.4329


207.9198, 0.3105,
0.3809

 20.1933, 0.3029,
0.4501

252.9596, 0.3107,
0.3775

 12.5356, 0.2992,
0.4738

304.0750, 0.3109,
0.3744

 7.1096, 0.2927,
0.5085

361.6504, 0.3111,

 3.5307, 0.2799,

0.3717

0.5632

426.0701, 0.3112,
0.3693

■ 1.4147, 0.2572,
0.7428

■ 0.2275, 0.0000,
1.0000

■ 80.8279, 0.3087,
0.4018

■ 80.8279, 0.3087,
0.4018

■ 77.0871, 0.3069,
0.4356

■ 85.2895, 0.3104,
0.3709

■ 74.0199, 0.3051,
0.4713

■ 90.4961, 0.3119,
0.3433

■ 71.5892, 0.3034,
0.5067

■ 95.6127, 0.3130,
0.3223

■ 69.7502, 0.3019,
0.5395

■ 68.4526, 0.3008,
0.5668

■ 67.6375, 0.3001,
0.5863

■ 67.2320, 0.2999,
0.5970

■ 67.1410, 0.2998,
0.5993

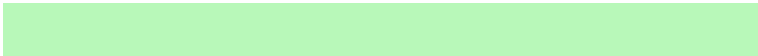
Harmonies

Analogous

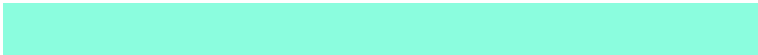
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.8279, 0.3542, 0.4129



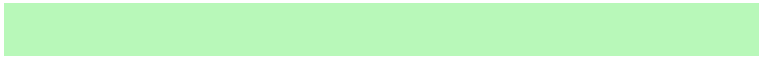
80.8279, 0.3087, 0.4018



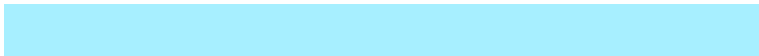
80.8279, 0.2662, 0.3656

Triad

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



80.8279, 0.3087, 0.4018



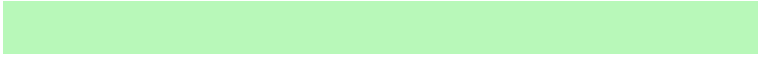
80.8279, 0.2385, 0.2589



80.8279, 0.3938, 0.3300

Complementary

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



80.8279, 0.3087, 0.4018



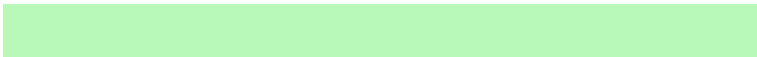
60.9687, 0.3165, 0.2656

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.



80.8279, 0.3582, 0.2950



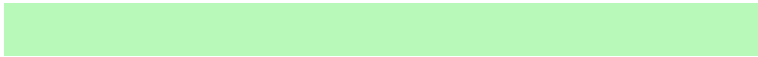
80.8279, 0.3087, 0.4018



80.8279, 0.2680, 0.2553

Square

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



80.8279, 0.3087, 0.4018



80.8279, 0.2278, 0.2809



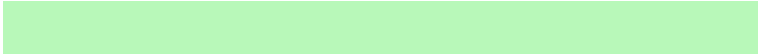
80.8279, 0.3113, 0.2685



80.8279, 0.4055, 0.3670

Rectangle

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



80.8279, 0.3087, 0.4018



80.8279, 0.2450, 0.3348



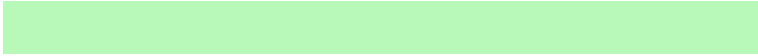
80.8279, 0.3113, 0.2685



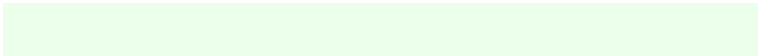
80.8279, 0.3841, 0.3178

Sweetspot

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



80.8313, 0.3087, 0.4018



95.1073, 0.3116, 0.3492



90.5508, 0.3518, 0.3936



20.1727, 0.3114, 0.3532



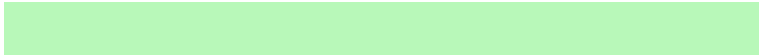
0.0000, 0.0000, 0.0000



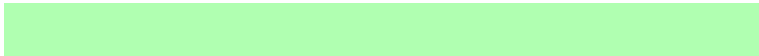
21.4041, 0.3127, 0.3290

Same Dimension

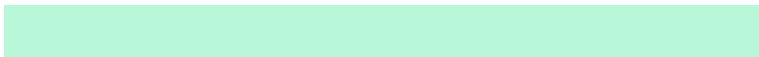
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.8313, 0.3087, 0.4018



83.9252, 0.3078, 0.4193



82.2865, 0.2916, 0.3650



19.3136, 0.3114, 0.3531



36.2726, 0.2997, 0.5991



3.3609, 0.2991, 0.5967

Inverse Universe

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



60.9687, 0.3165, 0.2656



59.4331, 0.3173, 0.2527



59.2112, 0.3408, 0.2956



17.5197, 0.3140, 0.3060



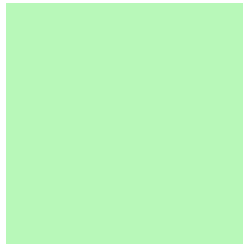
14.3172, 0.3248, 0.1563



1.3275, 0.3243, 0.1560

Previews

White Background



This preview shows how the Yxy color 80.8279, 0.3087, 0.4018 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 80.8279, 0.3087, 0.4018 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 80.8279, 0.3087, 0.4018

Background



This preview shows how black text looks on a background with the Yxy color 80.8279, 0.3087, 0.4018.

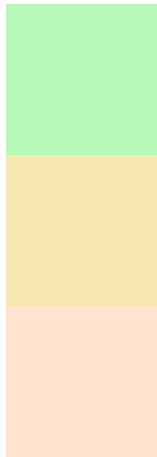


This preview shows how white text looks on a background with the Yxy color 80.8279, 0.3087, 0.4018.

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

80.8279, 0.3087, 0.4018

Protanopia

80.1003, 0.3598, 0.3850

Deuteranopia

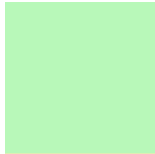
80.1577, 0.3463, 0.3483



Tritanopia

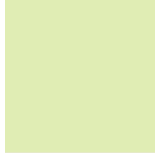
80.7866, 0.2798, 0.3109

Trichromacy



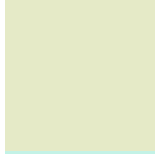
Original Color

80.8279, 0.3087, 0.4018



Protanomaly

79.7110, 0.3397, 0.3910



Deuteranomaly

79.6272, 0.3316, 0.3665



Tritanomaly

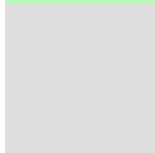
80.8195, 0.2902, 0.3422

Monochromacy



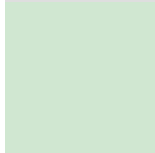
Original Color

80.8279, 0.3087, 0.4018



Achromatopsia

73.0461, 0.3127, 0.3290



Achromatomaly

75.1652, 0.3109, 0.3535

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.8279, 0.3087, 0.4018 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(184, 248, 185)` looks like.

```
.text, #text, p{  
    color:rgb(184, 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(184, 248, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 248, 185) }
```

Border

The CSS property to change the border of an element to Yxy 80.8279, 0.3087, 0.4018 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(184, 248, 185) }
```

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

```
.border{ border-color:rgb(184, 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(184, 248, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 248, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 248, 185);  
box-shadow:4px 4px 4px 4px rgb(184, 248,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 80.8279, 0.3087, 0.4018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 248, 185) }
```

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

```
.background{ background-color: rgb(184,  
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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