

Converting Colors

$Yxy(82.4793, 0.3115, 0.4041)$

Have a look what the booklet for
Yxy(82.4793, 0.3115, 0.4041)
contains.

Yxy(82.5233, 0.3116, 0.4045)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(82.5233, 0.3116, 0.4045)

Conversions

Conversions Part 1

Format	Color
Hex	BCFAB8
RGB	188, 250, 184
RGB Percent	74%, 98%, 72%
CMY	0.2628, 0.0196, 0.2785
CMYK	0.25, 0.00, 0.26, 0.02
HSL	116°, 87%, 85%
HSV	116°, 26%, 98%
XYZ	63.5705, 82.5233, 57.9193
YIQ	223.9380, -15.7660, -33.6700

Conversions

Conversions Part 2

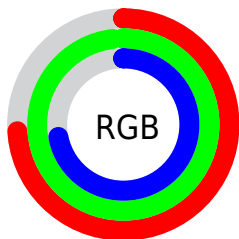
Format	Color
RYB	184, 250, 246
Decimal	12384952
CIELab	92.81, -31.73, 25.54
CIELCh	93, 40.732, 141.160
Yxy	82.5233, 0.3116, 0.4045
Android (android.graphics.Color)	4290575032 (0xFFBCFAB8)
YUV	223.9380, -19.6894, -31.5176
Hunter-Lab	90.8423, -34.0617, 25.7875

Details

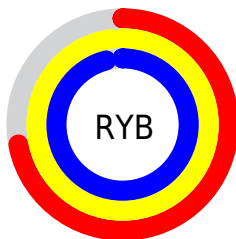
The Yxy color **82.5233, 0.3116, 0.4045** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **60.7782, 0.3127, 0.2625**, and the grayscale version is **74.6442, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2237, 0.3151, 0.3437**, and **44.7652, 0.3098, 0.4224** is the 20% darker color. If you saturate the color by 10%, you get **78.8251, 0.3107, 0.4385**, and if you desaturate by 10%, it is **86.8994, 0.3122, 0.3732**.

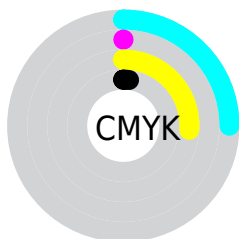
Distribution



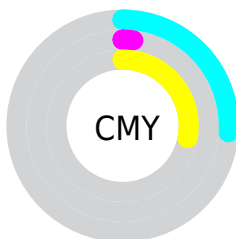
- Red (74%)
- Green (98%)
- Blue (72%)



- Red (72%)
- Yellow (98%)
- Blue (96%)



- Cyan (25%)
- Magenta (0%)
- Yellow (26%)
- Black (2%)





- Cyan (26%)
- Magenta (2%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.5233, 0.3116, 0.4045 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 82.5233, 0.3116, 0.4045 by changing the saturation by 10% instead.

 82.5233, 0.3116,
0.4045

 82.5233, 0.3116,
0.4045

503.3964, 0.3130,
0.3688

 61.7970, 0.3111,
0.4128


 136.9076, 0.3123,
0.3920

 44.8687, 0.3103,
0.4232


171.3344, 0.3125,
0.3871

 31.3540, 0.3091,
0.4365


211.0967, 0.3126,
0.3830

 20.8686, 0.3073,
0.4539

256.5791, 0.3127,
0.3794

 13.0280, 0.3042,
0.4780

308.1659, 0.3128,
0.3762

 7.4478, 0.2985,
0.5129


366.2414, 0.3129,


 3.7437, 0.2869,


0.3734


0.5672


431.1901, 0.3129,
0.3710


 1.5312, 0.2723,
0.7277


 0.3106, 0.0000,
1.0000


 82.5233, 0.3116,
0.4045


 82.5233, 0.3116,
0.4045


 78.8251, 0.3107,
0.4385


 86.8994, 0.3122,
0.3732

 75.7610, 0.3096,
0.4741

 91.9739, 0.3126,
0.3452

 73.2986, 0.3082,
0.5093

 96.8584, 0.3129,
0.3243

 71.3981, 0.3065,
0.5416

■ 70.0152, 0.3046,
0.5682

■ 69.0986, 0.3028,
0.5870

■ 68.5865, 0.3013,
0.5971

■ 68.4807, 0.3009,
0.5993

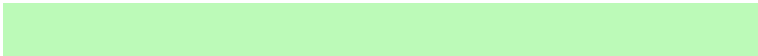
Harmonies

Analogous

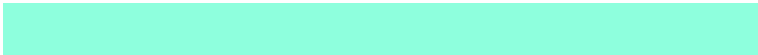
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.5233, 0.3575, 0.4139



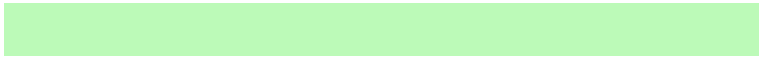
82.5233, 0.3116, 0.4045



82.5233, 0.2680, 0.3691

Triad

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



82.5233, 0.3116, 0.4045



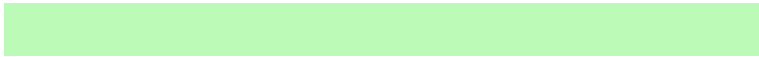
82.5233, 0.2363, 0.2588



82.5233, 0.3933, 0.3275

Complementary

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



82.5233, 0.3116, 0.4045



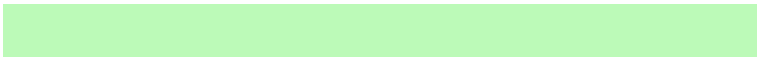
60.7782, 0.3127, 0.2625

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.



82.5233, 0.3560, 0.2925



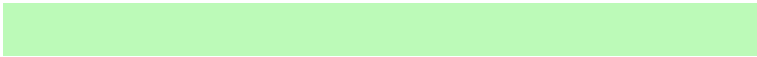
82.5233, 0.3116, 0.4045



82.5233, 0.2649, 0.2541

Square

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



82.5233, 0.3116, 0.4045



82.5233, 0.2267, 0.2822



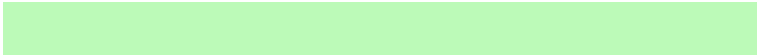
82.5233, 0.3082, 0.2664



82.5233, 0.4069, 0.3651

Rectangle

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



82.5233, 0.3116, 0.4045



82.5233, 0.2459, 0.3379



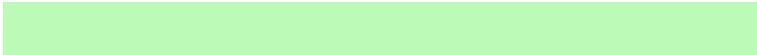
82.5233, 0.3082, 0.2664



82.5233, 0.3830, 0.3153

Sweetspot

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



82.5268, 0.3116, 0.4045



95.2990, 0.3125, 0.3494



89.4611, 0.3538, 0.3911



20.2204, 0.3125, 0.3535



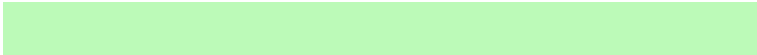
0.0000, 0.0000, 0.0000



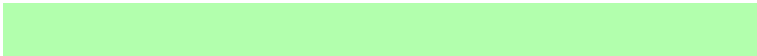
21.4041, 0.3127, 0.3290

Same Dimension

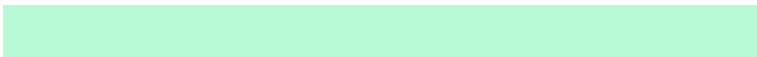
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.5268, 0.3116, 0.4045



84.0558, 0.3112, 0.4234



83.3515, 0.2935, 0.3712



19.3592, 0.3125, 0.3535



36.3401, 0.3013, 0.5990



3.3827, 0.3043, 0.5966

Inverse Universe

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



60.7782, 0.3127, 0.2625



57.5990, 0.3126, 0.2482



59.8454, 0.3381, 0.2904



17.4681, 0.3128, 0.3056



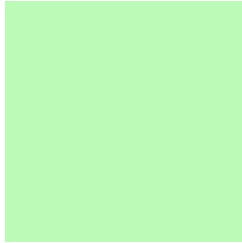
13.0454, 0.3058, 0.1458



1.2239, 0.3077, 0.1469

Previews

White Background



This preview shows how the Yxy color 82.5233, 0.3116, 0.4045 looks on a white background.

Color Contrast Check

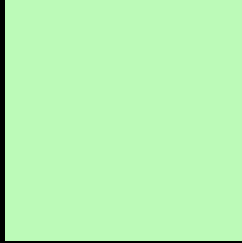
Large Text (above 18pt) WCAG AA × Fail

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 82.5233, 0.3116, 0.4045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

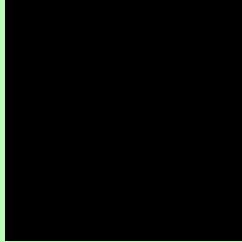
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.5233, 0.3116, 0.4045

Background



This preview shows how black text looks on a background with the Yxy color 82.5233, 0.3116, 0.4045.

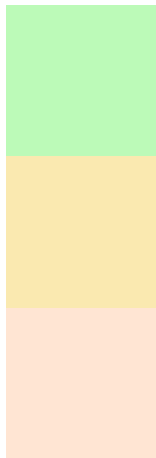


This preview shows how white text looks on a background with the Yxy color 82.5233, 0.3116, 0.4045.

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

82.5233, 0.3116, 0.4045

Protanopia

81.7364, 0.3622, 0.3874

Deuteranopia

82.0018, 0.3430, 0.3472



Tritanopia

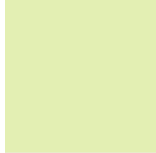
82.2184, 0.2834, 0.3121

Trichromacy



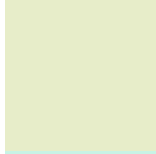
Original Color

82.5233, 0.3116, 0.4045



Protanomaly

81.3186, 0.3421, 0.3936



Deuteranomaly

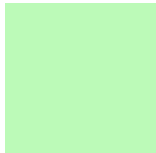
81.7743, 0.3313, 0.3672



Tritanomaly

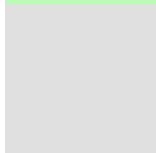
82.0377, 0.2938, 0.3442

Monochromacy



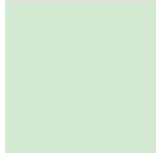
Original Color

82.5233, 0.3116, 0.4045



Achromatopsia

74.5404, 0.3127, 0.3290



Achromatomaly

76.7302, 0.3128, 0.3555

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.5233, 0.3116, 0.4045 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, 184)` looks like.

```
.text, #text, p{  
    color:rgb(188, 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(188, 250, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 250, 184) }
```

Border

The CSS property to change the border of an element to Yxy 82.5233, 0.3116, 0.4045 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, 184) }
```

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

```
.border{ border-color:rgb(188, 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(188, 250, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 250, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 250, 184);  
box-shadow:4px 4px 4px 4px rgb(188, 250,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 82.5233, 0.3116, 0.4045 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, 184) }
```

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

```
.background{ background-color: rgb(188,  
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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