

Converting Colors

Yxy(81.9926, 0.3087, 0.4108)

Have a look what the booklet for
Yxy(81.9926, 0.3087, 0.4108)
contains.

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Color

Yxy(81.9929, 0.3089, 0.4114)

Conversions

Conversions Part 1

Format	Color
Hex	B4FBB4
RGB	180, 251, 180
RGB Percent	71%, 98%, 71%
CMY	0.2939, 0.0157, 0.2942
CMYK	0.28, 0.00, 0.28, 0.02
HSL	120°, 90%, 85%
HSV	120°, 28%, 98%
XYZ	61.5644, 81.9929, 55.7448
YIQ	221.6770, -19.5250, -37.1330

Conversions

Conversions Part 2

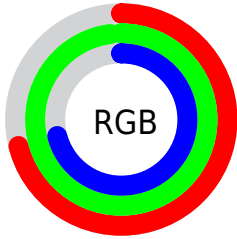
Format	Color
RYB	180, 251, 251
Decimal	11860916
CIELab	92.57, -35.37, 27.20
CIElCh	93, 44.615, 142.442
Yxy	81.9929, 0.3089, 0.4114
Android (android.graphics.Color)	4290050996 (0xFFB4FBB4)
YUV	221.6770, -20.5468, -36.5507
Hunter-Lab	90.5499, -37.1012, 26.8845

Details

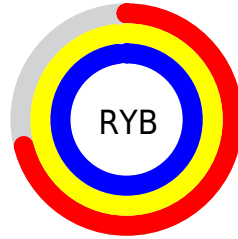
The Yxy color **81.9929, 0.3089, 0.4114** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **60.0889, 0.3160, 0.2584**, and the grayscale version is **72.9728, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5807, 0.3124, 0.3480**, and **44.4759, 0.3064, 0.4316** is the 20% darker color. If you saturate the color by 10%, you get **78.3217, 0.3073, 0.4464**, and if you desaturate by 10%, it is **86.4005, 0.3104, 0.3791**.

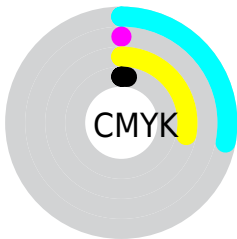
Distribution



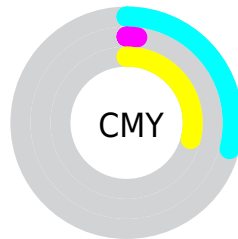
- Red (71%)
- Green (98%)
- Blue (71%)



- Red (71%)
- Yellow (98%)
- Blue (98%)



- Cyan (28%)
- Magenta (0%)
- Yellow (28%)
- Black (2%)




- Cyan (29%)
- Magenta (2%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.9929, 0.3089, 0.4114 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 81.9929, 0.3089, 0.4114 by changing the saturation by 10% instead.


 81.9929, 0.3089,
0.4114

 81.9929, 0.3089,
0.4114

501.6239, 0.3117,
0.3722

 61.3597, 0.3080,
0.4206

 136.1640, 0.3101,
0.3976

 44.5155, 0.3068,
0.4320


170.4708, 0.3105,
0.3923

 31.0760, 0.3050,
0.4467


210.1041, 0.3108,
0.3877

 20.6567, 0.3022,
0.4661

255.4485, 0.3110,
0.3838

 12.8733, 0.2978,
0.4928

306.8882, 0.3112,
0.3803

 7.3414, 0.2901,
0.5317

364.8078, 0.3114,

 3.6765, 0.2750,

0.3773

0.5929

429.5916, 0.3116,
0.3746

■ 1.4943, 0.2352,
0.7648

■ 0.2847, 0.0000,
1.0000

■ 81.9929, 0.3089,
0.4114

■ 81.9929, 0.3089,
0.4114

■ 78.3217, 0.3073,
0.4464

■ 86.4005, 0.3104,
0.3791

■ 75.3370, 0.3056,
0.4826

■ 91.5705, 0.3117,
0.3503

■ 72.9994, 0.3039,
0.5179

■ 97.4724, 0.3129,
0.3252

■ 71.2609, 0.3024,
0.5495

■ 70.0671, 0.3012,
0.5746

■ 69.3535, 0.3004,
0.5912

■ 69.0312, 0.3001,
0.5991

■ 68.9943, 0.3000,
0.6000

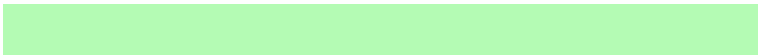
Harmonies

Analogous

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



81.9929, 0.3594, 0.4226



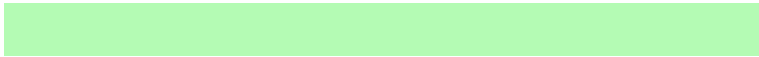
81.9929, 0.3089, 0.4114



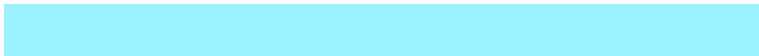
81.9929, 0.2618, 0.3710

Triad

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



81.9929, 0.3089, 0.4114



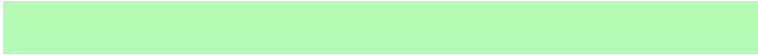
81.9929, 0.2304, 0.2517



81.9929, 0.4025, 0.3287

Complementary

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



81.9929, 0.3089, 0.4114



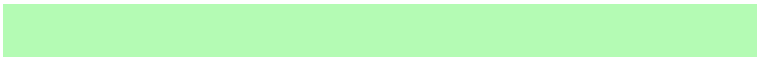
60.0889, 0.3160, 0.2584

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.



81.9929, 0.3622, 0.2906



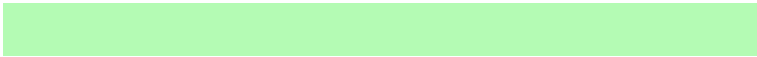
81.9929, 0.3089, 0.4114



81.9929, 0.2621, 0.2477

Square

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



81.9929, 0.3089, 0.4114



81.9929, 0.2191, 0.2759



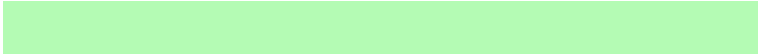
81.9929, 0.3097, 0.2619



81.9929, 0.4160, 0.3694

Rectangle

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



81.9929, 0.3089, 0.4114



81.9929, 0.2384, 0.3362



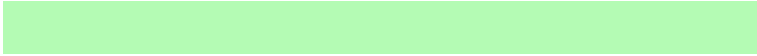
81.9929, 0.3097, 0.2619



81.9929, 0.3915, 0.3154

Sweetspot

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



81.9964, 0.3089, 0.4114



95.0933, 0.3118, 0.3495



92.0579, 0.3559, 0.3989



20.1692, 0.3116, 0.3536



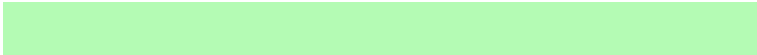
0.0000, 0.0000, 0.0000



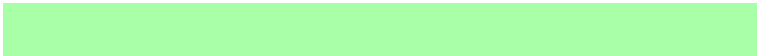
21.4041, 0.3127, 0.3290

Same Dimension

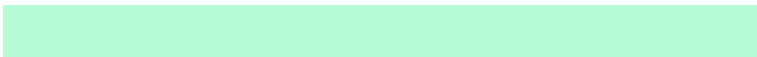
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.9964, 0.3089, 0.4114



82.7273, 0.3080, 0.4312



83.5627, 0.2904, 0.3705



19.3102, 0.3116, 0.3535



36.2677, 0.3000, 0.6000



3.3593, 0.3001, 0.5999

Inverse Universe

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



60.0889, 0.3160, 0.2584



56.5769, 0.3166, 0.2443



58.1320, 0.3433, 0.2910



17.5235, 0.3138, 0.3056



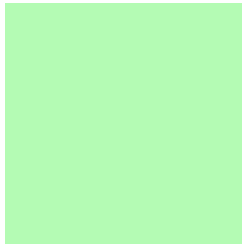
14.4134, 0.3206, 0.1540



1.3353, 0.3207, 0.1540

Previews

White Background



This preview shows how the Yxy color 81.9929, 0.3089, 0.4114 looks on a white background.

Color Contrast Check

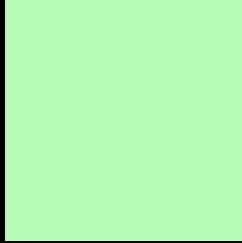
Large Text (above 18pt) WCAG AA × Fail

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 81.9929, 0.3089, 0.4114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

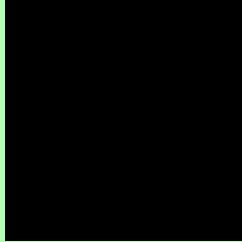
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.9929, 0.3089, 0.4114

Background



This preview shows how black text looks on a background with the Yxy color 81.9929, 0.3089, 0.4114.

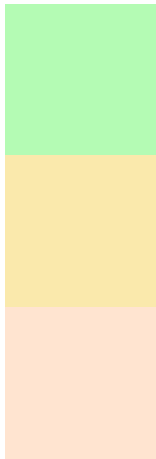


This preview shows how white text looks on a background with the Yxy color 81.9929, 0.3089, 0.4114.

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

81.9929, 0.3089, 0.4114

Protanopia

81.5804, 0.3648, 0.3915

Deuteranopia

81.3009, 0.3452, 0.3492



Tritanopia

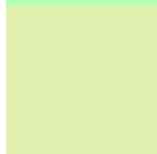
81.5096, 0.2805, 0.3120

Trichromacy



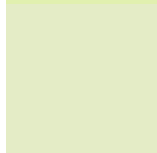
Original Color

81.9929, 0.3089, 0.4114



Protanomaly

81.4229, 0.3430, 0.3992



Deuteranomaly

80.5621, 0.3312, 0.3697



Tritanomaly

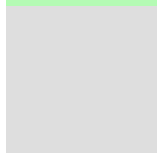
81.1720, 0.2907, 0.3455

Monochromacy



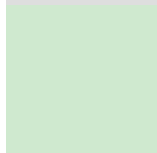
Original Color

81.9929, 0.3089, 0.4114



Achromatopsia

73.0461, 0.3127, 0.3290



Achromatomaly

76.0482, 0.3114, 0.3580

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.9929, 0.3089, 0.4114 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(180, 251, 180)` looks like.

```
.text, #text, p{  
    color:rgb(180, 251, 180)  
}
```

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(180, 251, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 251, 180) }
```

Border

The CSS property to change the border of an element to Yxy 81.9929, 0.3089, 0.4114 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(180, 251, 180) }
```

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

```
.border{ border-color:rgb(180, 251, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 251, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 251, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 251, 180);  
box-shadow:4px 4px 4px 4px rgb(180, 251,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 81.9929, 0.3089, 0.4114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 251, 180) }
```

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

```
.background{ background-color: rgb(180,  
251, 180) }
```

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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