

Converting Colors

$Yxy(81.4350, 0.3130, 0.4155)$

Have a look what the booklet for
Yxy(81.4350, 0.3130, 0.4155)
contains.

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Color

Yxy(81.5336, 0.3135, 0.4159)

Conversions

Conversions Part 1

Format	Color
Hex	B7FAAF
RGB	183, 250, 175
RGB Percent	72%, 98%, 69%
CMY	0.2822, 0.0196, 0.3138
CMYK	0.27, 0.00, 0.30, 0.02
HSL	114°, 88%, 83%
HSV	114°, 30%, 98%
XYZ	61.4590, 81.5336, 53.0488
YIQ	221.4170, -15.8570, -37.5290

Conversions

Conversions Part 2

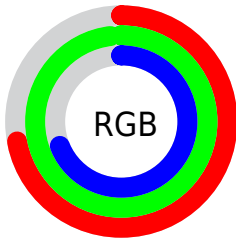
Format	Color
RYB	175, 250, 242
Decimal	12057263
CIELab	92.37, -34.74, 29.47
CIELCh	92, 45.554, 139.694
Yxy	81.5336, 0.3135, 0.4159
Android (android.graphics.Color)	4290247343 (0xFFB7FAAF)
YUV	221.4170, -22.8836, -33.6917
Hunter-Lab	90.2960, -36.5238, 28.3744

Details

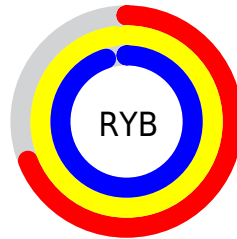
The Yxy color **81.5336, 0.3135, 0.4159** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **56.4239, 0.3098, 0.2527**, and the grayscale version is **72.7946, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8148, 0.3172, 0.3529**, and **44.1343, 0.3121, 0.4374** is the 20% darker color. If you saturate the color by 10%, you get **78.1203, 0.3131, 0.4502**, and if you desaturate by 10%, it is **85.5694, 0.3135, 0.3838**.

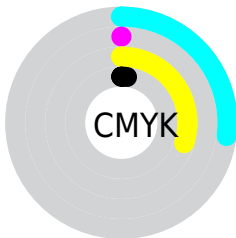
Distribution



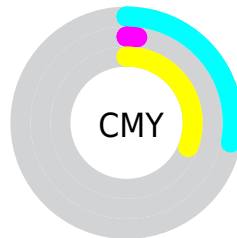
- Red (72%)
- Green (98%)
- Blue (69%)



- Red (69%)
- Yellow (98%)
- Blue (95%)



- Cyan (27%)
- Magenta (0%)
- Yellow (30%)
- Black (2%)





- Cyan (28%)
- Magenta (2%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.5336, 0.3135, 0.4159 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 81.5336, 0.3135, 0.4159 by changing the saturation by 10% instead.


 81.5336, 0.3135,
0.4159

 81.5336, 0.3135,
0.4159


500.0863, 0.3143,
0.3745

 60.9812, 0.3130,
0.4256

 135.5198, 0.3140,
0.4013

 44.2100, 0.3122,
0.4377


169.7223, 0.3142,
0.3957

 30.8356, 0.3110,
0.4531


209.2436, 0.3142,
0.3909

 20.4737, 0.3089,
0.4735

254.4681, 0.3143,
0.3868

 12.7398, 0.3053,
0.5016

305.7803, 0.3143,
0.3831

 7.2496, 0.2982,
0.5421


363.5644, 0.3143,


 3.6187, 0.2849,


0.3799


0.6082


428.2049, 0.3143,
0.3771

 1.4627, 0.2366,
0.7634


 0.2622, 0.0000,
1.0000


 81.5336, 0.3135,
0.4159


 81.5336, 0.3135,
0.4159


 78.1203, 0.3131,
0.4502


 85.5694, 0.3135,
0.3838

 75.2888, 0.3123,
0.4854

 90.2458, 0.3132,
0.3548

 73.0094, 0.3109,
0.5194

 95.5926, 0.3127,
0.3290

 71.2458, 0.3090,
0.5498

 96.8493, 0.3129,
0.3242

■ 69.9572, 0.3068,
0.5739

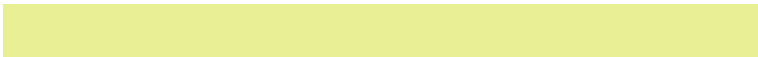
■ 69.0965, 0.3043,
0.5900

■ 68.6004, 0.3021,
0.5984

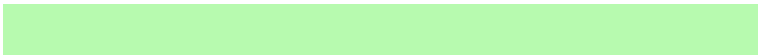
Harmonies

Analogous

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



81.5336, 0.3647, 0.4241



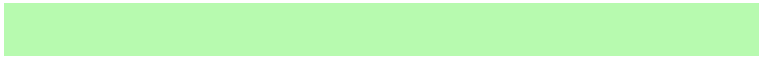
81.5336, 0.3135, 0.4159



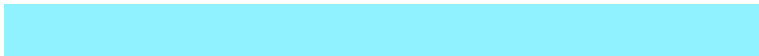
81.5336, 0.2645, 0.3767

Triad

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



81.5336, 0.3135, 0.4159



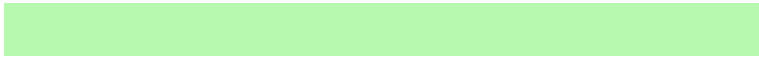
81.5336, 0.2267, 0.2514



81.5336, 0.4018, 0.3248

Complementary

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



81.5336, 0.3135, 0.4159



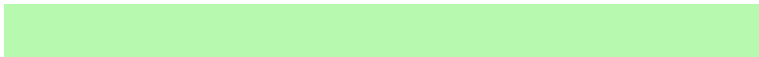
56.4239, 0.3098, 0.2527

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.



81.5336, 0.3586, 0.2866



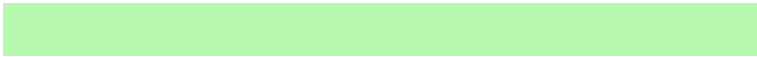
81.5336, 0.3135, 0.4159



81.5336, 0.2572, 0.2456

Square

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



81.5336, 0.3135, 0.4159



81.5336, 0.2173, 0.2779



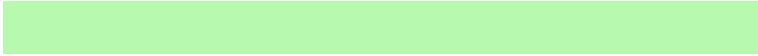
81.5336, 0.3047, 0.2585



81.5336, 0.4184, 0.3664

Rectangle

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



81.5336, 0.3135, 0.4159



81.5336, 0.2395, 0.3413



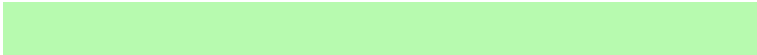
81.5336, 0.3047, 0.2585



81.5336, 0.3897, 0.3113

Sweetspot

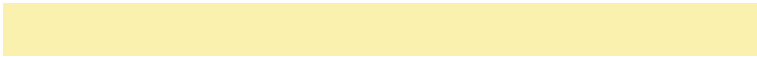
The Sweet Spot groups the original color and five complimentary colors.



81.5371, 0.3135, 0.4159



94.9289, 0.3132, 0.3521



86.4745, 0.3605, 0.3962



20.1548, 0.3132, 0.3561



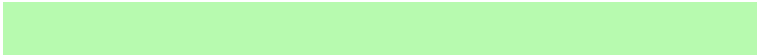
0.0000, 0.0000, 0.0000



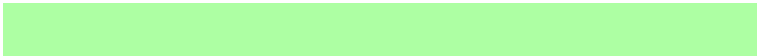
21.4041, 0.3127, 0.3290

Same Dimension

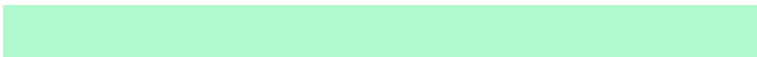
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.5371, 0.3135, 0.4159



83.0629, 0.3133, 0.4364



81.8292, 0.2931, 0.3824



19.3984, 0.3132, 0.3534



36.4179, 0.3026, 0.5980



3.4013, 0.3076, 0.5939

Inverse Universe

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



56.4239, 0.3098, 0.2527



52.9227, 0.3089, 0.2373



56.2125, 0.3393, 0.2812



17.4243, 0.3121, 0.3055



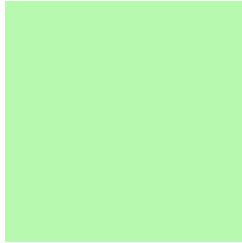
12.0329, 0.2940, 0.1393



1.1408, 0.2974, 0.1412

Previews

White Background



This preview shows how the Yxy color 81.5336, 0.3135, 0.4159 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 81.5336, 0.3135, 0.4159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

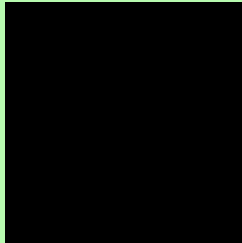
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.5336, 0.3135, 0.4159

Background



This preview shows how black text looks on a background with the Yxy color 81.5336, 0.3135, 0.4159.

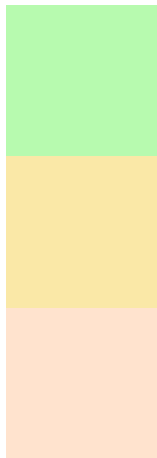


This preview shows how white text looks on a background with the Yxy color 81.5336, 0.3135, 0.4159.

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

81.5336, 0.3135, 0.4159

Protanopia

80.8272, 0.3684, 0.3957

Deuteranopia

80.6544, 0.3468, 0.3503



Tritanopia

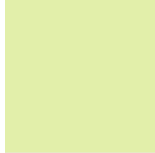
81.0656, 0.2810, 0.3109

Trichromacy



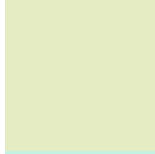
Original Color

81.5336, 0.3135, 0.4159



Protanomaly

80.8040, 0.3470, 0.4035



Deuteranomaly

80.0148, 0.3340, 0.3719



Tritanomaly

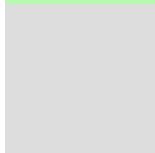
80.7310, 0.2930, 0.3466

Monochromacy



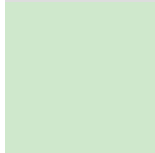
Original Color

81.5336, 0.3135, 0.4159



Achromatopsia

72.3055, 0.3127, 0.3290



Achromatomaly

75.3383, 0.3133, 0.3604

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.5336, 0.3135, 0.4159 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(183, 250, 175)` looks like.

```
.text, #text, p{  
    color:rgb(183, 250, 175)  
}
```

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(183, 250, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 250, 175) }
```

Border

The CSS property to change the border of an element to Yxy 81.5336, 0.3135, 0.4159 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(183, 250, 175) }
```

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

```
.border{ border-color:rgb(183, 250, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 250, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 250, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 250, 175); box-shadow:4px 4px 4px 4px rgb(183, 250, 175) }
```


Background

The CSS property to change the background color of an element to Yxy 81.5336, 0.3135, 0.4159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 250, 175) }
```

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

```
.background{ background-color: rgb(183,  
250, 175) }
```

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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