

Converting Colors

Yxy(81.9524, 0.2925, 0.4138)

Have a look what the booklet for
Yxy(81.9524, 0.2925, 0.4138)
contains.

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Color

Yxy(81.9493, 0.2926, 0.4139)

Conversions

Conversions Part 1

Format	Color
Hex	9BFFB8
RGB	155, 255, 184
RGB Percent	61%, 100%, 72%
CMY	0.3921, 0.0000, 0.2784
CMYK	0.39, 0.00, 0.28, 0.00
HSL	137°, 100%, 80%
HSV	137°, 39%, 100%
XYZ	57.9327, 81.9493, 58.1109
YIQ	217.0060, -36.8090, -43.2810

Conversions

Conversions Part 2

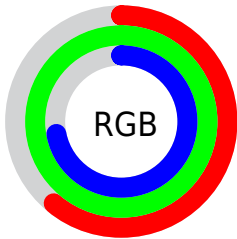
Format	Color
RYB	155, 233, 255
Decimal	10223544
CIELab	92.55, -43.96, 24.93
CIElCh	93, 50.541, 150.444
Yxy	81.9493, 0.2926, 0.4139
Android (android.graphics.Color)	4288413624 (0xFF9BFFB8)
YUV	217.0060, -16.2720, -54.3793
Hunter-Lab	90.5259, -44.1877, 25.3083

Details

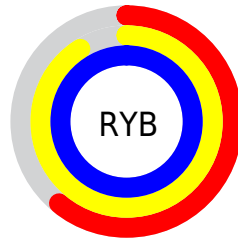
The Yxy color **81.9493, 0.2926, 0.4139** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **50.2040, 0.3420, 0.2574**, and the grayscale version is **69.5301, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9574, 0.2957, 0.3445**, and **44.6795, 0.2867, 0.4352** is the 20% darker color. If you saturate the color by 10%, you get **78.9777, 0.2887, 0.4405**, and if you desaturate by 10%, it is **85.5562, 0.2972, 0.3890**.

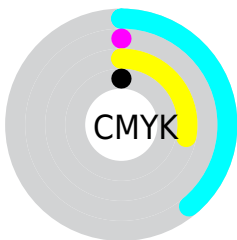
Distribution



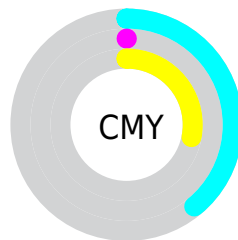
- Red (61%)
- Green (100%)
- Blue (72%)



- Red (61%)
- Yellow (91%)
- Blue (100%)



- Cyan (39%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)





- Cyan (39%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.9493, 0.2926, 0.4139 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 81.9493, 0.2926, 0.4139 by changing the saturation by 10% instead.


 81.9493, 0.2926,
0.4139

 81.9493, 0.2926,
0.4139


501.4781, 0.3028,
0.3732

 61.3237, 0.2900,
0.4235


 136.1029, 0.2963,
0.3995

 44.4865, 0.2867,
0.4355


 170.3997, 0.2977,
0.3940

 31.0532, 0.2824,
0.4509


210.0225, 0.2989,
0.3893

 20.6393, 0.2764,
0.4714


255.3554, 0.2999,
0.3852

 12.8606, 0.2676,
0.4999

306.7831, 0.3008,
0.3817

 7.3326, 0.2539,
0.5419


364.6898, 0.3016,


 3.6710, 0.2300,


0.3785


0.6083

429.4600, 0.3022,
0.3757


 1.4913, 0.1424,
0.8576


 0.2826, 0.0000,
1.0000


 81.9493, 0.2926,
0.4139


 81.9493, 0.2926,
0.4139

 78.9777, 0.2887,
0.4405

 85.5562, 0.2972,
0.3890

 76.5959, 0.2860,
0.4681

 89.8246, 0.3024,
0.3662

 74.7649, 0.2847,
0.4955

 94.7892, 0.3077,
0.3458

 73.4377, 0.2850,
0.5215

100.0000, 0.3127,
0.3290

■ 72.5586, 0.2869,
0.5446

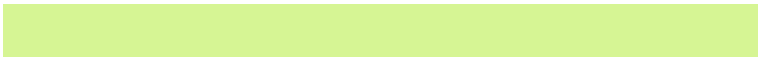
■ 72.0458, 0.2901,
0.5638

■ 72.0131, 0.2903,
0.5652

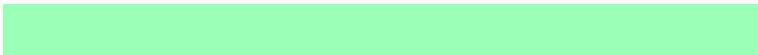
Harmonies

Analogous

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



81.9493, 0.3499, 0.4358



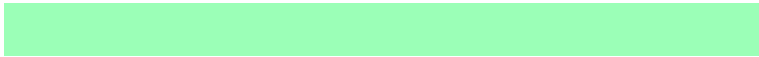
81.9493, 0.2926, 0.4139



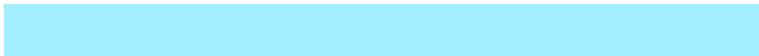
81.9493, 0.2435, 0.3610

Triad

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



81.9493, 0.2926, 0.4139



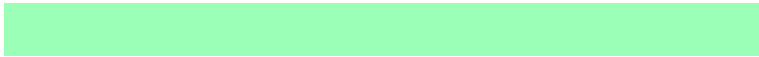
81.9493, 0.2278, 0.2390



81.9493, 0.4220, 0.3399

Complementary

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



81.9493, 0.2926, 0.4139



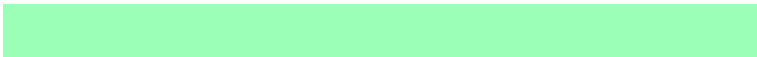
50.2040, 0.3420, 0.2574

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.



81.9493, 0.3831, 0.2963



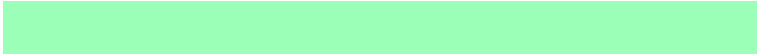
81.9493, 0.2926, 0.4139



81.9493, 0.2684, 0.2407

Square

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



81.9493, 0.2926, 0.4139



81.9493, 0.2091, 0.2593



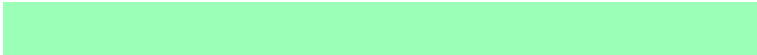
81.9493, 0.3250, 0.2612



81.9493, 0.4274, 0.3849

Rectangle

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



81.9493, 0.2926, 0.4139



81.9493, 0.2214, 0.3208



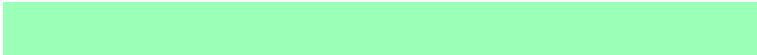
81.9493, 0.3250, 0.2612



81.9493, 0.4123, 0.3249

Sweetspot

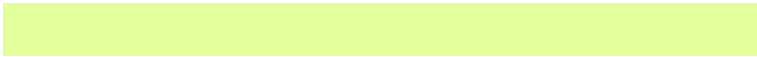
The Sweet Spot groups the original color and five complimentary colors.



81.9519, 0.2926, 0.4139



93.3298, 0.3062, 0.3512



90.1654, 0.3522, 0.4335



19.8346, 0.3055, 0.3539



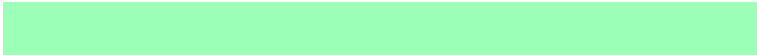
0.0000, 0.0000, 0.0000



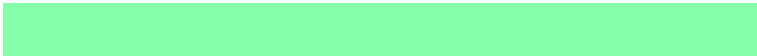
21.4041, 0.3127, 0.3290

Same Dimension

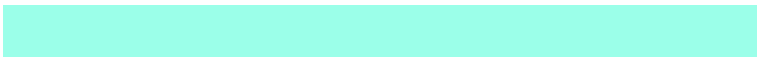
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.9519, 0.2926, 0.4139



79.5813, 0.2895, 0.4345



84.3938, 0.2683, 0.3536



20.2547, 0.3076, 0.3463



37.6507, 0.2895, 0.5624



3.6839, 0.2834, 0.5403

Inverse Universe

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



50.2040, 0.3420, 0.2574



43.8112, 0.3499, 0.2438



47.8735, 0.3897, 0.3065



18.2053, 0.3183, 0.3123



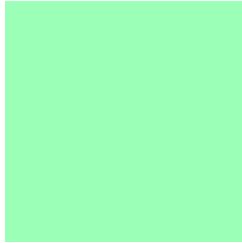
12.8813, 0.4110, 0.2038



1.2732, 0.3983, 0.1968

Previews

White Background



This preview shows how the Yxy color 81.9493, 0.2926, 0.4139 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 81.9493, 0.2926, 0.4139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

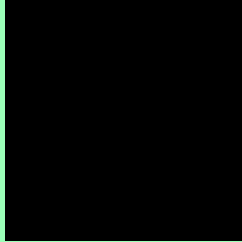
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.9493, 0.2926, 0.4139

Background



This preview shows how black text looks on a background with the Yxy color 81.9493, 0.2926, 0.4139.

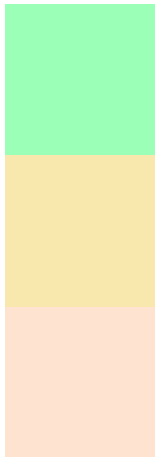


This preview shows how white text looks on a background with the Yxy color 81.9493, 0.2926, 0.4139.

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

81.9493, 0.2926, 0.4139

Protanopia

80.9090, 0.3630, 0.3887

Deuteranopia

80.8016, 0.3447, 0.3472



Tritanopia

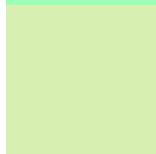
81.4681, 0.2755, 0.3139

Trichromacy



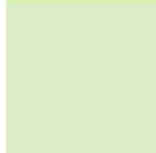
Original Color

81.9493, 0.2926, 0.4139



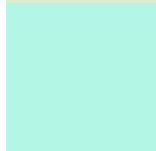
Protanomaly

79.9816, 0.3341, 0.3975



Deuteranomaly

79.7986, 0.3236, 0.3693



Tritanomaly

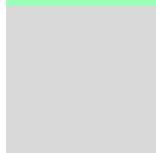
81.1524, 0.2817, 0.3480

Monochromacy



Original Color

81.9493, 0.2926, 0.4139



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

73.0289, 0.3039, 0.3589

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.9493, 0.2926, 0.4139 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(155, 255, 184)` looks like.

```
.text, #text, p{  
    color:rgb(155, 255, 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(155, 255, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 255, 184) }
```

Border

The CSS property to change the border of an element to Yxy 81.9493, 0.2926, 0.4139 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(155, 255, 184) }
```

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

```
.border{ border-color:rgb(155, 255, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 255, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 255, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 255, 184);  
box-shadow:4px 4px 4px 4px rgb(155, 255,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 81.9493, 0.2926, 0.4139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 255, 184) }
```

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

```
.background{ background-color: rgb(155,  
255, 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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