

Converting Colors

$Yxy(81.5227, 0.2977, 0.3997)$

Have a look what the booklet for
Yxy(81.5227, 0.2977, 0.3997)
contains.

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Color

Yxy(81.4139, 0.2977, 0.3993)

Conversions

Conversions Part 1

Format	Color
Hex	ABFBFF
RGB	171, 251, 191
RGB Percent	67%, 98%, 75%
CMY	0.3292, 0.0157, 0.2512
CMYK	0.32, 0.00, 0.24, 0.02
HSL	135°, 91%, 83%
HSV	135°, 32%, 98%
XYZ	60.6985, 81.4139, 61.7791
YIQ	220.2400, -28.4200, -35.6200

Conversions

Conversions Part 2

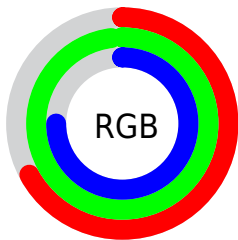
Format	Color
RYB	171, 235, 251
Decimal	11271103
CIELab	92.32, -36.30, 21.18
CIELCh	92, 42.027, 149.741
Yxy	81.4139, 0.2977, 0.3993
Android (android.graphics.Color)	4289461183 (0xFFABFBBF)
YUV	220.2400, -14.4153, -43.1835
Hunter-Lab	90.2297, -37.8229, 22.5656

Details

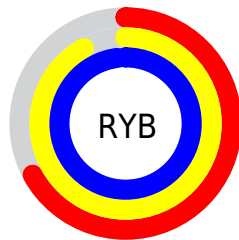
The Yxy color **81.4139, 0.2977, 0.3993** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **55.4262, 0.3324, 0.2678**, and the grayscale version is **71.8697, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7913, 0.3002, 0.3360**, and **44.1027, 0.2935, 0.4174** is the 20% darker color. If you saturate the color by 10%, you get **78.0833, 0.2937, 0.4262**, and if you desaturate by 10%, it is **85.3933, 0.3022, 0.3745**.

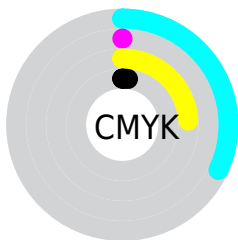
Distribution



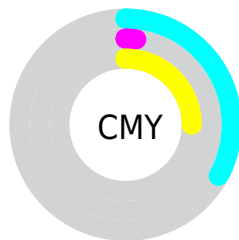
- Red (67%)
- Green (98%)
- Blue (75%)



- Red (67%)
- Yellow (92%)
- Blue (98%)



- Cyan (32%)
- Magenta (0%)
- Yellow (24%)
- Black (2%)





- Cyan (33%)
- Magenta (2%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.4139, 0.2977, 0.3993 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 81.4139, 0.2977, 0.3993 by changing the saturation by 10% instead.


 81.4139, 0.2977,
0.3993

 81.4139, 0.2977,
0.3993

499.6851, 0.3053,
0.3659

 60.8825, 0.2958,
0.4071


 135.3518, 0.3005,
0.3875

 44.1304, 0.2934,
0.4169


169.5271, 0.3015,
0.3830

 30.7730, 0.2902,
0.4295

209.0192, 0.3024,
0.3791

 20.4261, 0.2858,
0.4462

254.2125, 0.3031,
0.3758

 12.7051, 0.2794,
0.4693

305.4913, 0.3038,
0.3728

 7.2258, 0.2693,
0.5034


363.2401, 0.3044,


 3.6037, 0.2518,


0.3702


0.5578


427.8432, 0.3049,
0.3679


 1.4545, 0.2193,
0.7786


 0.2563, 0.0000,
1.0000


 81.4139, 0.2977,
0.3993

 81.4139, 0.2977,
0.3993


 78.0833, 0.2937,
0.4262


 85.3933, 0.3022,
0.3745


 75.3569, 0.2904,
0.4547

 90.0431, 0.3070,
0.3522

 73.2004, 0.2882,
0.4836

 95.3964, 0.3118,
0.3324

 71.5717, 0.2874,
0.5118

 97.4748, 0.3129,
0.3252

■ 70.4228, 0.2881,
0.5375

■ 69.6963, 0.2903,
0.5594

■ 69.3482, 0.2927,
0.5737

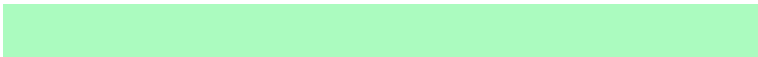
Harmonies

Analogous

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



81.4139, 0.3459, 0.4174



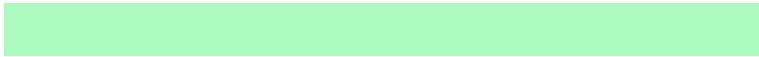
81.4139, 0.2977, 0.3993



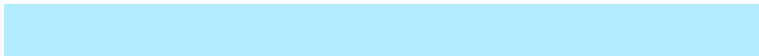
81.4139, 0.2556, 0.3569

Triad

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



81.4139, 0.2977, 0.3993



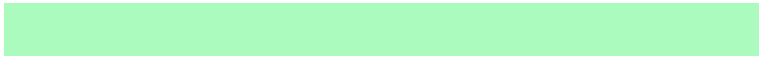
81.4139, 0.2403, 0.2531



81.4139, 0.4032, 0.3385

Complementary

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



81.4139, 0.2977, 0.3993



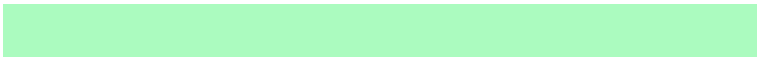
55.4262, 0.3324, 0.2678

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.



81.4139, 0.3704, 0.3009



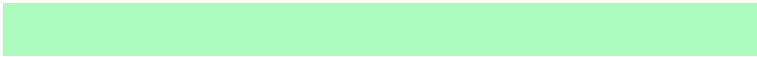
81.4139, 0.2977, 0.3993



81.4139, 0.2748, 0.2536

Square

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



81.4139, 0.2977, 0.3993



81.4139, 0.2246, 0.2716



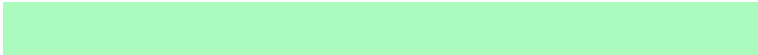
81.4139, 0.3222, 0.2708



81.4139, 0.4089, 0.3766

Rectangle

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



81.4139, 0.2977, 0.3993



81.4139, 0.2362, 0.3241



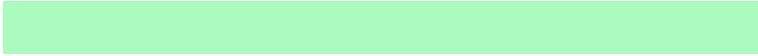
81.4139, 0.3222, 0.2708



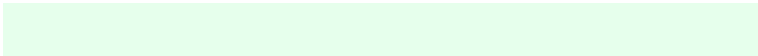
81.4139, 0.3949, 0.3255

Sweetspot

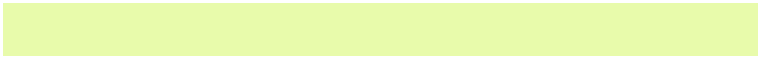
The Sweet Spot groups the original color and five complimentary colors.



81.4173, 0.2977, 0.3993



94.3078, 0.3079, 0.3484



89.1502, 0.3480, 0.4124



20.0273, 0.3072, 0.3513



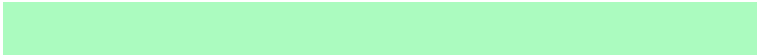
0.0000, 0.0000, 0.0000



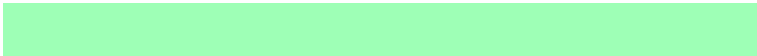
21.4041, 0.3127, 0.3290

Same Dimension

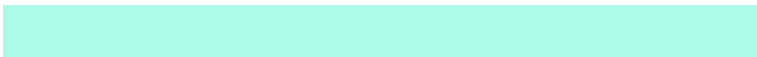
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.4173, 0.2977, 0.3993



82.1863, 0.2951, 0.4157



83.3528, 0.2775, 0.3530



19.3801, 0.3081, 0.3473



36.4714, 0.2920, 0.5711



3.3941, 0.2858, 0.5488

Inverse Universe

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



55.4262, 0.3324, 0.2678



51.5099, 0.3373, 0.2559



53.4737, 0.3664, 0.3066



17.4464, 0.3176, 0.3114



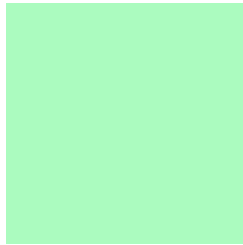
12.7246, 0.3961, 0.1956



1.1954, 0.3851, 0.1895

Previews

White Background



This preview shows how the Yxy color 81.4139, 0.2977, 0.3993 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 81.4139, 0.2977, 0.3993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

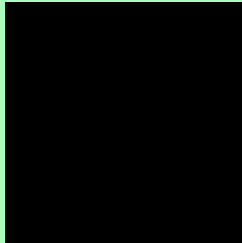
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

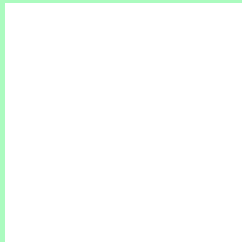
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.4139, 0.2977, 0.3993

Background



This preview shows how black text looks on a background with the Yxy color 81.4139, 0.2977, 0.3993.

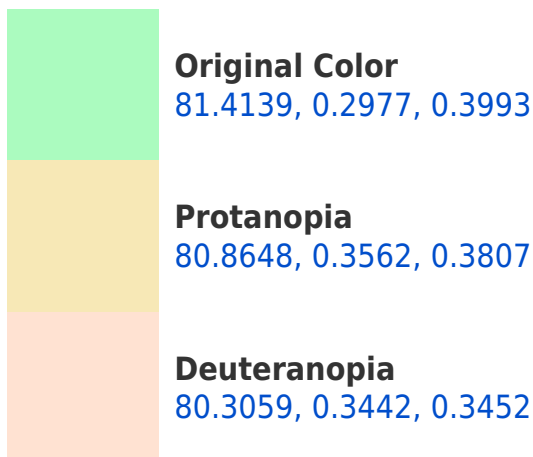


This preview shows how white text looks on a background with the Yxy color 81.4139, 0.2977, 0.3993.

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





Tritanopia

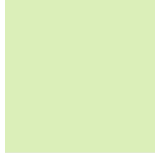
81.2759, 0.2771, 0.3129

Trichromacy



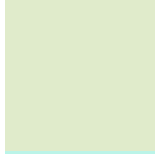
Original Color

81.4139, 0.2977, 0.3993



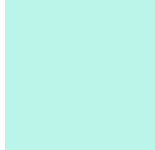
Protanomaly

80.2959, 0.3327, 0.3881



Deuteranomaly

79.5758, 0.3254, 0.3635



Tritanomaly

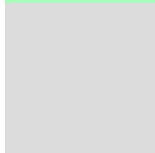
81.0924, 0.2845, 0.3422

Monochromacy



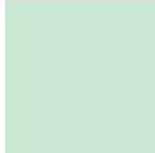
Original Color

81.4139, 0.2977, 0.3993



Achromatopsia

71.5694, 0.3127, 0.3290



Achromatomaly

74.3118, 0.3068, 0.3538

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.4139, 0.2977, 0.3993 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(171, 251, 191)` looks like.

```
.text, #text, p{  
    color:rgb(171, 251, 191)  
}
```

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(171, 251, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 251, 191) }
```

Border

The CSS property to change the border of an element to Yxy 81.4139, 0.2977, 0.3993 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(171, 251, 191) }
```

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

```
.border{ border-color:rgb(171, 251, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 251, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 251, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 251, 191);  
box-shadow:4px 4px 4px 4px rgb(171, 251,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 81.4139, 0.2977, 0.3993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 251, 191) }
```

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

```
.background{ background-color: rgb(171,  
251, 191) }
```

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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