

Converting Colors

$Yxy(81.4231, 0.2902, 0.3970)$

Have a look what the booklet for
Yxy(81.4231, 0.2902, 0.3970)
contains.

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Color

Yxy(81.1380, 0.2900, 0.3965)

Conversions

Conversions Part 1

Format	Color
Hex	A1FCC3
RGB	161, 252, 195
RGB Percent	63%, 99%, 76%
CMY	0.3690, 0.0117, 0.2354
CMYK	0.36, 0.00, 0.23, 0.01
HSL	142°, 94%, 81%
HSV	142°, 36%, 99%
XYZ	59.3443, 81.1380, 64.1532
YIQ	218.2930, -35.9390, -37.0190

Conversions

Conversions Part 2

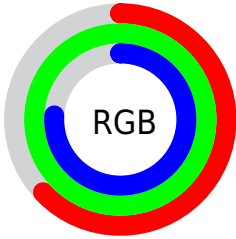
Format	Color
RYB	161, 227, 252
Decimal	10616003
CIELab	92.19, -39.00, 18.87
CIELCh	92, 43.326, 154.177
Yxy	81.1380, 0.2900, 0.3965
Android (android.graphics.Color)	4288806083 (0xFFA1FCC3)
YUV	218.2930, -11.4834, -50.2460
Hunter-Lab	90.0766, -40.0347, 20.8269

Details

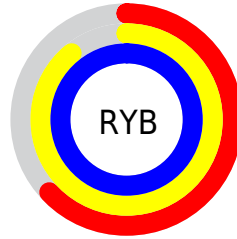
The Yxy color **81.1380, 0.2900, 0.3965** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **51.2190, 0.3458, 0.2703**, and the grayscale version is **70.4117, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4537, 0.2922, 0.3320**, and **43.9566, 0.2839, 0.4139** is the 20% darker color. If you saturate the color by 10%, you get **78.1070, 0.2850, 0.4194**, and if you desaturate by 10%, it is **84.7787, 0.2958, 0.3753**.

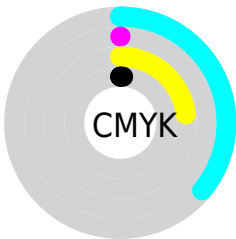
Distribution



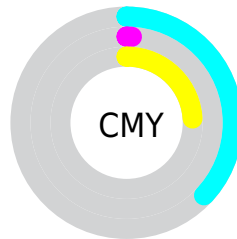
- Red (63%)
- Green (99%)
- Blue (76%)



- Red (63%)
- Yellow (89%)
- Blue (99%)



- Cyan (36%)
- Magenta (0%)
- Yellow (23%)
- Black (1%)





- Cyan (37%)
- Magenta (1%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.1380, 0.2900, 0.3965 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 81.1380, 0.2900, 0.3965 by changing the saturation by 10% instead.

 81.1380, 0.2900,
0.3965

 81.1380, 0.2900,
0.3965


498.7597, 0.3010,
0.3644

 60.6553, 0.2874,
0.4040


 134.9645, 0.2939,
0.3852

 43.9470, 0.2840,
0.4135


 169.0771, 0.2954,
0.3808

 30.6289, 0.2797,
0.4256


208.5017, 0.2967,
0.3771

 20.3164, 0.2739,
0.4416

253.6228, 0.2978,
0.3739

 12.6252, 0.2656,
0.4640

304.8248, 0.2988,
0.3711

 7.1710, 0.2532,
0.4970


362.4920, 0.2996,


 3.5693, 0.2324,


0.3686


0.5501


427.0088, 0.3004,
0.3664

 1.4357, 0.1726,
0.7489


 0.2428, 0.0000,
1.0000


 81.1380, 0.2900,
0.3965


 81.1380, 0.2900,
0.3965


 78.1070, 0.2850,
0.4194


 84.7787, 0.2958,
0.3753


 75.6413, 0.2812,
0.4436

 89.0505, 0.3021,
0.3560

 73.7065, 0.2790,
0.4683

 93.9858, 0.3086,
0.3387

 72.2601, 0.2784,
0.4926

 98.1135, 0.3128,
0.3262

■ 71.2524, 0.2798,
0.5156

■ 70.6225, 0.2829,
0.5363

■ 70.4461, 0.2843,
0.5436

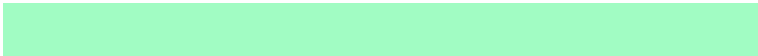
Harmonies

Analogous

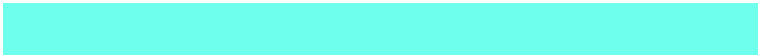
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.1380, 0.3396, 0.4196



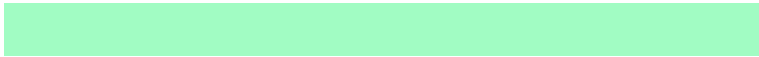
81.1380, 0.2900, 0.3965



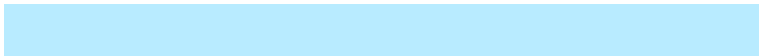
81.1380, 0.2487, 0.3503

Triad

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



81.1380, 0.2900, 0.3965



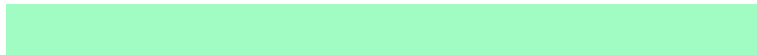
81.1380, 0.2422, 0.2497



81.1380, 0.4089, 0.3445

Complementary

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



81.1380, 0.2900, 0.3965



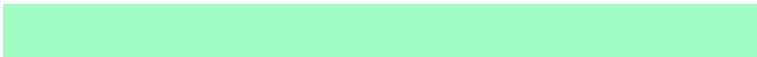
51.2190, 0.3458, 0.2703

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.



81.1380, 0.3787, 0.3054



81.1380, 0.2900, 0.3965



81.1380, 0.2802, 0.2530

Square

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



81.1380, 0.2900, 0.3965



81.1380, 0.2231, 0.2657



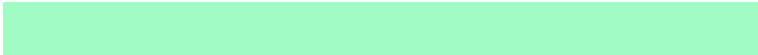
81.1380, 0.3301, 0.2730



81.1380, 0.4103, 0.3832

Rectangle

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



81.1380, 0.2900, 0.3965



81.1380, 0.2307, 0.3166



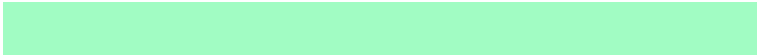
81.1380, 0.3301, 0.2730



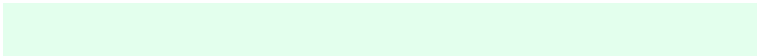
81.1380, 0.4017, 0.3311

Sweetspot

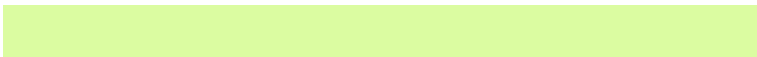
The Sweet Spot groups the original color and five complimentary colors.



81.1414, 0.2900, 0.3965



93.9829, 0.3054, 0.3468



87.2043, 0.3442, 0.4267



19.9701, 0.3046, 0.3492



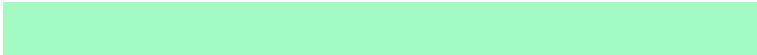
0.0000, 0.0000, 0.0000



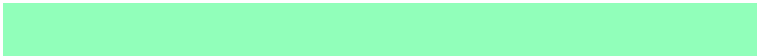
21.4041, 0.3127, 0.3290

Same Dimension

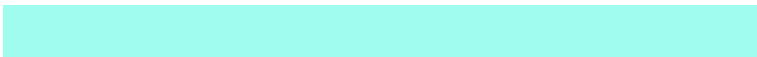
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.1414, 0.2900, 0.3965



81.1319, 0.2865, 0.4121



83.4856, 0.2676, 0.3426



19.4166, 0.3064, 0.3442



36.7156, 0.2835, 0.5405



3.4203, 0.2768, 0.5165

Inverse Universe

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



51.2190, 0.3458, 0.2703



46.4727, 0.3545, 0.2592



49.1792, 0.3887, 0.3163



17.4080, 0.3196, 0.3143



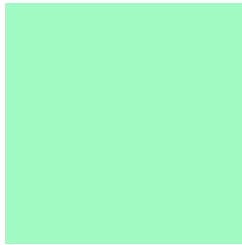
12.0917, 0.4437, 0.2218



1.1404, 0.4250, 0.2115

Previews

White Background



This preview shows how the Yxy color 81.1380, 0.2900, 0.3965 looks on a white background.

Color Contrast Check

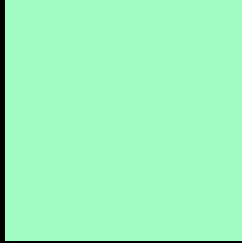
Large Text (above 18pt) WCAG AA × Fail

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 81.1380, 0.2900, 0.3965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

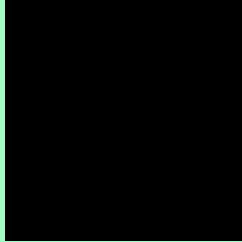
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

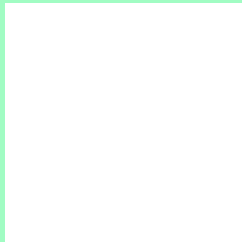
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.1380, 0.2900, 0.3965

Background



This preview shows how black text looks on a background with the Yxy color 81.1380, 0.2900, 0.3965.

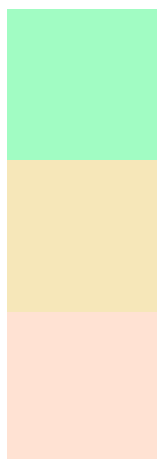


This preview shows how white text looks on a background with the Yxy color 81.1380, 0.2900, 0.3965.

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

81.1380, 0.2900, 0.3965

Protanopia

80.2474, 0.3537, 0.3767

Deuteranopia

80.3559, 0.3435, 0.3442



Tritanopia

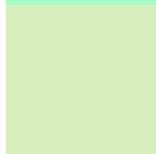
80.7466, 0.2748, 0.3128

Trichromacy



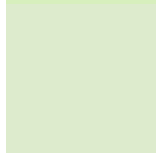
Original Color

81.1380, 0.2900, 0.3965



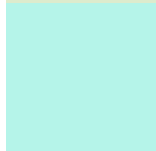
Protanomaly

79.8542, 0.3274, 0.3841



Deuteranomaly

79.1966, 0.3220, 0.3615



Tritanomaly

80.4083, 0.2806, 0.3412

Monochromacy



Original Color

81.1380, 0.2900, 0.3965



Achromatopsia

70.1102, 0.3127, 0.3290



Achromatomaly

73.1171, 0.3029, 0.3518

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.1380, 0.2900, 0.3965 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(161, 252, 195)` looks like.

```
.text, #text, p{  
    color:rgb(161, 252, 195)  
}
```

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(161, 252, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 252, 195) }
```

Border

The CSS property to change the border of an element to Yxy 81.1380, 0.2900, 0.3965 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(161, 252, 195) }
```

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

```
.border{ border-color:rgb(161, 252, 195) }
```

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

Here you see how a box with a 4 pixel rgb(161, 252, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 252, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 252, 195);  
box-shadow:4px 4px 4px 4px rgb(161, 252,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 81.1380, 0.2900, 0.3965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 252, 195) }
```

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

```
.background{ background-color: rgb(161,  
252, 195) }
```

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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