

Converting Colors

Yxy(103.0142, 0.2845, 0.4169)

Have a look what the booklet for
Yxy(103.0142, 0.2845, 0.4169)
contains.

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Color

Yxy(82.8963, 0.2821, 0.3878)

Conversions

Conversions Part 1

Format	Color
Hex	9BFFCD
RGB	155, 255, 205
RGB Percent	61%, 100%, 80%
CMY	0.3919, 0.0000, 0.1962
CMYK	0.39, 0.00, 0.20, 0.00
HSL	150°, 100%, 80%
HSV	150°, 39%, 100%
XYZ	60.3018, 82.8963, 70.5623
YIQ	219.4000, -43.5500, -36.7500

Conversions

Conversions Part 2

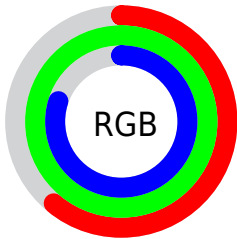
Format	Color
RYB	155, 222, 255
Decimal	10223565
CIELab	92.97, -40.06, 14.80
CIELCh	93, 42.706, 159.719
Yxy	82.8963, 0.2821, 0.3878
Android (android.graphics.Color)	4288413645 (0xFF9BFFCD)
YUV	219.4000, -7.0992, -56.4788
Hunter-Lab	91.0474, -41.1102, 17.7831

Details

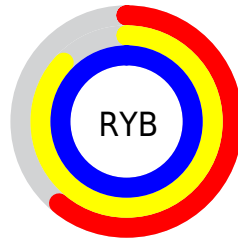
The Yxy color **82.8963, 0.2821, 0.3878** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **49.1324, 0.3615, 0.2775**, and the grayscale version is **71.2124, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8861, 0.2877, 0.3289**, and **45.2752, 0.2747, 0.4021** is the 20% darker color. If you saturate the color by 10%, you get **80.0450, 0.2762, 0.4062**, and if you desaturate by 10%, it is **86.3374, 0.2891, 0.3706**.

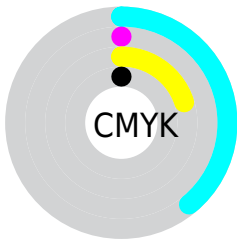
Distribution



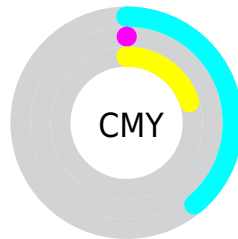
- Red (61%)
- Green (100%)
- Blue (80%)



- Red (61%)
- Yellow (87%)
- Blue (100%)



- Cyan (39%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)





- Cyan (39%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.8963, 0.2821, 0.3878 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 82.8963, 0.2821, 0.3878 by changing the saturation by 10% instead.


 82.8963, 0.2821,
0.3878

 82.8963, 0.2821,
0.3878


504.6409, 0.2965,
0.3601

 62.1046, 0.2788,
0.3943


 137.4302, 0.2871,
0.3781

 45.1172, 0.2746,
0.4023


 171.9412, 0.2891,
0.3743

 31.5498, 0.2694,
0.4126

211.7941, 0.2907,
0.3711

 21.0178, 0.2624,
0.4262

257.3733, 0.2922,
0.3683

 13.1370, 0.2528,
0.4450

309.0632, 0.2935,
0.3659

 7.5230, 0.2389,
0.4725


367.2481, 0.2946,


 3.7913, 0.2168,

0.3637


0.5166

432.3126, 0.2956,
0.3618

 1.5575, 0.1564,
0.6299


 0.3287, 0.0000,
1.0000


 82.8963, 0.2821,
0.3878


 82.8963, 0.2821,
0.3878


 80.0450, 0.2762,
0.4062


 86.3374, 0.2891,
0.3706

 77.7383, 0.2718,
0.4256

 90.3902, 0.2968,
0.3549

 75.9408, 0.2692,
0.4455

 95.0876, 0.3050,
0.3407

 74.6080, 0.2685,
0.4653

99.9991, 0.3127,
0.3290

■ 73.6876, 0.2699,
0.4846

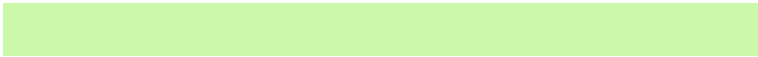
■ 73.1013, 0.2731,
0.5028

■ 73.0610, 0.2734,
0.5042

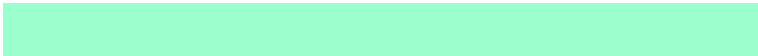
Harmonies

Analogous

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



82.8963, 0.3301, 0.4156



82.8963, 0.2821, 0.3878



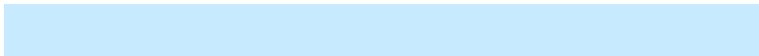
82.8963, 0.2442, 0.3406

Triad

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



82.8963, 0.2821, 0.3878



82.8963, 0.2492, 0.2505



82.8963, 0.4093, 0.3516

Complementary

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



82.8963, 0.2821, 0.3878



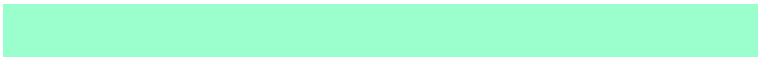
49.1324, 0.3615, 0.2775

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.



82.8963, 0.3845, 0.3127



82.8963, 0.2821, 0.3878



82.8963, 0.2893, 0.2570

Square

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



82.8963, 0.2821, 0.3878



82.8963, 0.2268, 0.2626



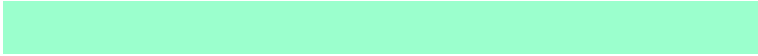
82.8963, 0.3392, 0.2792



82.8963, 0.4054, 0.3886

Rectangle

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



82.8963, 0.2821, 0.3878



82.8963, 0.2290, 0.3084



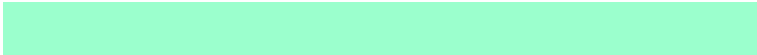
82.8963, 0.3392, 0.2792



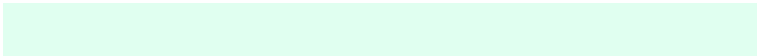
82.8963, 0.4041, 0.3385

Sweetspot

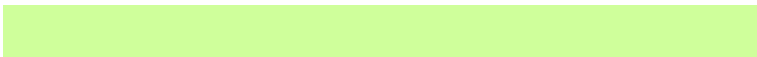
The Sweet Spot groups the original color and five complimentary colors.



82.8997, 0.2821, 0.3878



93.7038, 0.3027, 0.3446



87.1087, 0.3388, 0.4383



19.9223, 0.3016, 0.3464



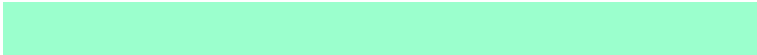
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

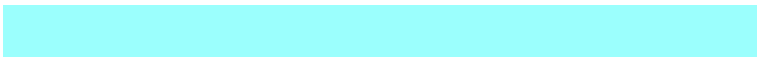
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.8997, 0.2821, 0.3878



80.6240, 0.2774, 0.4021



85.6062, 0.2591, 0.3307



20.3195, 0.3047, 0.3411



38.2065, 0.2726, 0.5013



3.7421, 0.2668, 0.4805

Inverse Universe

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



49.1324, 0.3615, 0.2775



42.5762, 0.3757, 0.2675



47.1456, 0.4101, 0.3275



18.1388, 0.3215, 0.3172



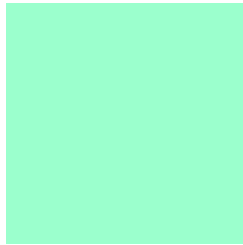
11.9483, 0.4962, 0.2507



1.1854, 0.4708, 0.2367

Previews

White Background



This preview shows how the Yxy color 82.8963, 0.2821, 0.3878 looks on a white background.

Color Contrast Check

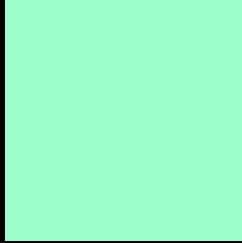
Large Text (above 18pt) WCAG AA × Fail

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 82.8963, 0.2821, 0.3878 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 82.8963, 0.2821, 0.3878

Background



This preview shows how black text looks on a background with the Yxy color 82.8963, 0.2821, 0.3878.

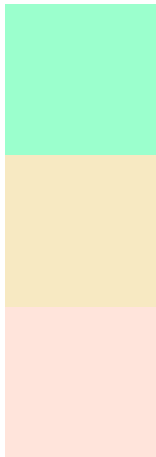


This preview shows how white text looks on a background with the Yxy color 82.8963, 0.2821, 0.3878.

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

82.8963, 0.2821, 0.3878

Protanopia

81.9470, 0.3480, 0.3692

Deuteranopia

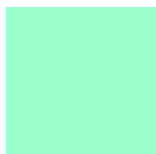
81.8613, 0.3377, 0.3381



Tritanopia

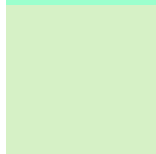
82.4600, 0.2773, 0.3151

Trichromacy



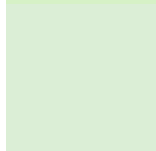
Original Color

82.8963, 0.2821, 0.3878



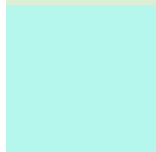
Protanomaly

81.2840, 0.3210, 0.3761



Deuteranomaly

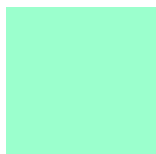
81.0642, 0.3148, 0.3548



Tritanomaly

82.4597, 0.2787, 0.3400

Monochromacy



Original Color

82.8963, 0.2821, 0.3878



Achromatopsia

70.8376, 0.3127, 0.3290



Achromatomaly

74.3040, 0.2998, 0.3494

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.8963, 0.2821, 0.3878 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(155, 255, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 255, 205) }
```

Border

The CSS property to change the border of an element to Yxy 82.8963, 0.2821, 0.3878 is called "border". The border property can be set on classes, ids or directly on the HTML element.

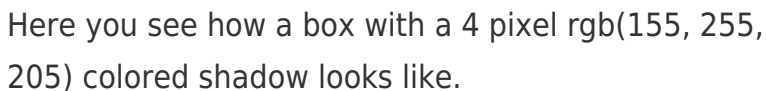
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 255, 205) }
```

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

```
.border{ border-color:rgb(155, 255, 205) }
```

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, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 255, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 255, 205); box-shadow:4px 4px 4px 4px rgb(155, 255, 205) }
```


Background

The CSS property to change the background color of an element to Yxy 82.8963, 0.2821, 0.3878 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, 205) }
```

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

```
.background{ background-color: rgb(155,  
255, 205) }
```

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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