

Converting Colors

$Yxy(80.7268, 0.2845, 0.4131)$

Have a look what the booklet for
Yxy(80.7268, 0.2845, 0.4131)
contains.

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Color

Yxy(80.7279, 0.2845, 0.4131)

Conversions

Conversions Part 1

Format	Color
Hex	8DFFBA
RGB	141, 255, 186
RGB Percent	55%, 100%, 73%
CMY	0.4473, 0.0000, 0.2707
CMYK	0.45, 0.00, 0.27, 0.00
HSL	144°, 100%, 78%
HSV	144°, 45%, 100%
XYZ	55.5969, 80.7279, 59.0949
YIQ	213.0480, -45.7950, -45.6270

Conversions

Conversions Part 2

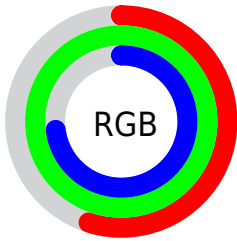
Format	Color
RYB	141, 223, 255
Decimal	9306042
CIELab	92.01, -47.40, 23.09
CIElCh	92, 52.726, 154.035
Yxy	80.7279, 0.2845, 0.4131
Android (android.graphics.Color)	4287496122 (0xFF8DFFBA)
YUV	213.0480, -13.3347, -63.1861
Hunter-Lab	89.8487, -46.7823, 23.8981

Details

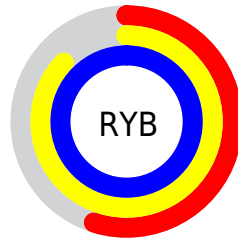
The Yxy color **80.7279, 0.2845, 0.4131** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **44.9405, 0.3592, 0.2588**, and the grayscale version is **66.6709, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0729, 0.2866, 0.3427**, and **43.9206, 0.2769, 0.4344** is the 20% darker color. If you saturate the color by 10%, you get **78.1175, 0.2803, 0.4363**, and if you desaturate by 10%, it is **83.9102, 0.2898, 0.3912**.

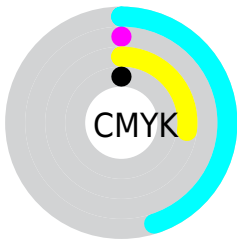
Distribution



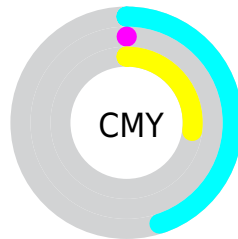
- Red (55%)
- Green (100%)
- Blue (73%)



- Red (55%)
- Yellow (87%)
- Blue (100%)



- Cyan (45%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)




- Cyan (45%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.7279, 0.2845, 0.4131 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 80.7279, 0.2845, 0.4131 by changing the saturation by 10% instead.


 80.7279, 0.2845,
0.4131

 80.7279, 0.2845,
0.4131


497.3825, 0.2984,
0.3727

 60.3175, 0.2811,
0.4227


 134.3886, 0.2895,
0.3988

 43.6746, 0.2768,
0.4347


 168.4078, 0.2914,
0.3933

 30.4148, 0.2712,
0.4502


207.7320, 0.2930,
0.3886

 20.1536, 0.2636,
0.4708

252.7456, 0.2944,
0.3846

 12.5068, 0.2528,
0.4996

303.8331, 0.2956,
0.3810

 7.0898, 0.2362,
0.5424

361.3788, 0.2966,

 3.5183, 0.2084,

0.3779

0.6109

425.7672, 0.2976,
0.3751

■ 1.4080, 0.0704,
0.9296

■ 0.2226, 0.0000,
1.0000

■ 80.7279, 0.2845,
0.4131

■ 80.7279, 0.2845,
0.4131

■ 78.1175, 0.2803,
0.4363

■ 83.9102, 0.2898,
0.3912

■ 76.0610, 0.2777,
0.4602

■ 87.7191, 0.2959,
0.3709

■ 74.5090, 0.2768,
0.4840

■ 92.1796, 0.3026,
0.3526

■ 73.4120, 0.2778,
0.5068

■ 97.3213, 0.3094,
0.3361

■ 72.7095, 0.2807,
0.5276

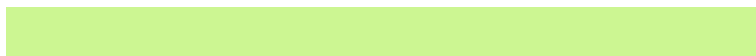
100.0000, 0.3127,
0.3290

■ 72.4539, 0.2827,
0.5376

Harmonies

Analogous

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



80.7279, 0.3442, 0.4407



80.7279, 0.2845, 0.4131



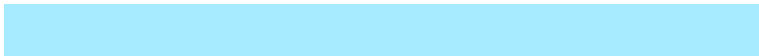
80.7279, 0.2354, 0.3548

Triad

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



80.7279, 0.2845, 0.4131



80.7279, 0.2280, 0.2342



80.7279, 0.4300, 0.3457

Complementary

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



80.7279, 0.2845, 0.4131



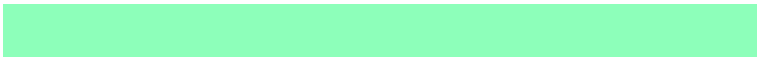
44.9405, 0.3592, 0.2588

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.



80.7279, 0.3929, 0.2998



80.7279, 0.2845, 0.4131



80.7279, 0.2726, 0.2385

Square

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



80.7279, 0.2845, 0.4131



80.7279, 0.2057, 0.2521



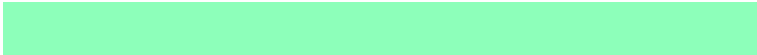
80.7279, 0.3330, 0.2620



80.7279, 0.4310, 0.3922

Rectangle

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



80.7279, 0.2845, 0.4131



80.7279, 0.2144, 0.3129



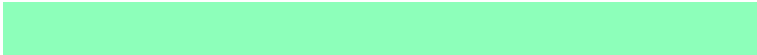
80.7279, 0.3330, 0.2620



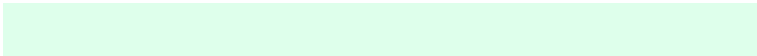
80.7279, 0.4213, 0.3299

Sweetspot

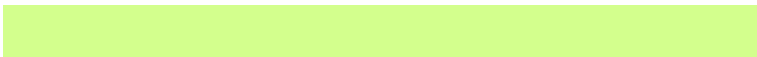
The Sweet Spot groups the original color and five complimentary colors.



80.7212, 0.2845, 0.4131



93.0207, 0.3037, 0.3496



87.3305, 0.3492, 0.4518



19.6816, 0.3022, 0.3534



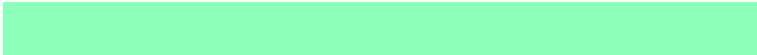
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



80.7212, 0.2845, 0.4131



78.2891, 0.2806, 0.4346



83.5691, 0.2582, 0.3441



20.2870, 0.3061, 0.3437



37.8861, 0.2818, 0.5346



3.7096, 0.2755, 0.5119

Inverse Universe

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



44.9405, 0.3592, 0.2588



38.2516, 0.3733, 0.2456



42.6310, 0.4188, 0.3154



18.1717, 0.3199, 0.3147



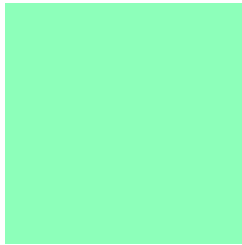
12.3632, 0.4523, 0.2266



1.2253, 0.4332, 0.2160

Previews

White Background



This preview shows how the Yxy color 80.7279, 0.2845, 0.4131 looks on a white background.

Color Contrast Check

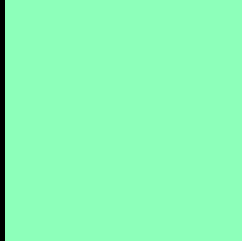
Large Text (above 18pt) WCAG AA × Fail

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 80.7279, 0.2845, 0.4131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

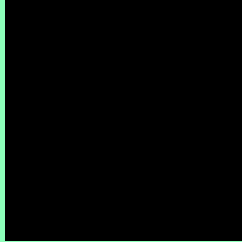
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 80.7279, 0.2845, 0.4131

Background



This preview shows how black text looks on a background with the Yxy color 80.7279, 0.2845, 0.4131.

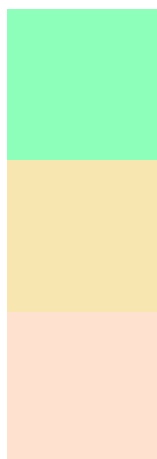


This preview shows how white text looks on a background with the Yxy color 80.7279, 0.2845, 0.4131.

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

80.7279, 0.2845, 0.4131

Protanopia

79.4629, 0.3614, 0.3861

Deuteranopia

79.6154, 0.3465, 0.3473



Tritanopia

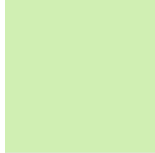
80.3209, 0.2705, 0.3137

Trichromacy



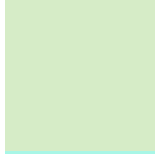
Original Color

80.7279, 0.2845, 0.4131



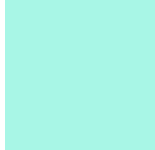
Protanomaly

78.3976, 0.3287, 0.3964



Deuteranomaly

78.4106, 0.3209, 0.3698



Tritanomaly

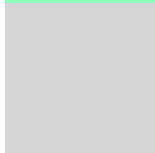
79.9495, 0.2752, 0.3472

Monochromacy



Original Color

80.7279, 0.2845, 0.4131



Achromatopsia

66.5387, 0.3127, 0.3290



Achromatomaly

70.3634, 0.3006, 0.3584

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.7279, 0.2845, 0.4131 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(141, 255, 186)` looks like.

```
.text, #text, p{  
    color:rgb(141, 255, 186)  
}
```

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(141, 255, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 255, 186) }
```

Border

The CSS property to change the border of an element to Yxy 80.7279, 0.2845, 0.4131 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(141, 255, 186) }
```

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

```
.border{ border-color:rgb(141, 255, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 255, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 255, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 255, 186);  
box-shadow:4px 4px 4px 4px rgb(141, 255,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 80.7279, 0.2845, 0.4131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 255, 186) }
```

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

```
.background{ background-color: rgb(141,  
255, 186) }
```

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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