

Converting Colors

$Yxy(80.7634, 0.2771, 0.3929)$

Have a look what the booklet for
Yxy(80.7634, 0.2771, 0.3929)
contains.

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Color

Yxy(80.7634, 0.2771, 0.3929)

Conversions

Conversions Part 1

Format	Color
Hex	8DFEC9
RGB	141, 254, 201
RGB Percent	55%, 100%, 79%
CMY	0.4473, 0.0039, 0.2118
CMYK	0.45, 0.00, 0.21, 0.00
HSL	152°, 98%, 77%
HSV	152°, 45%, 100%
XYZ	56.9599, 80.7634, 67.8339
YIQ	214.1710, -50.3350, -40.4390

Conversions

Conversions Part 2

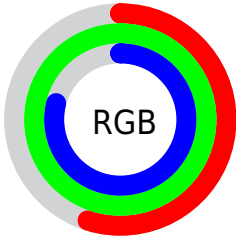
Format	Color
RYB	141, 215, 254
Decimal	9305801
CIELab	92.03, -44.08, 15.44
CIELCh	92, 46.708, 160.700
Yxy	80.7634, 0.2771, 0.3929
Android (android.graphics.Color)	4287495881 (0xFF8DFEC9)
YUV	214.1710, -6.4933, -64.1710
Hunter-Lab	89.8685, -44.1340, 18.1551

Details

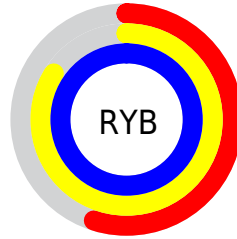
The Yxy color **80.7634, 0.2771, 0.3929** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **44.0008, 0.3747, 0.2742**, and the grayscale version is **67.4284, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8821, 0.2800, 0.3289**, and **43.8781, 0.2686, 0.4092** is the 20% darker color. If you saturate the color by 10%, you get **78.2515, 0.2717, 0.4106**, and if you desaturate by 10%, it is **83.8358, 0.2838, 0.3763**.

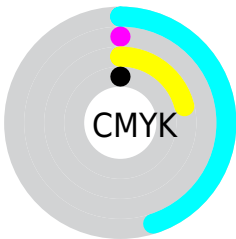
Distribution



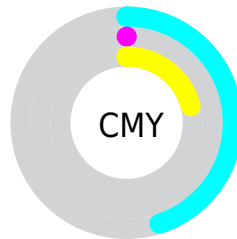
- Red (55%)
- Green (100%)
- Blue (79%)



- Red (55%)
- Yellow (84%)
- Blue (100%)



- Cyan (45%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)





- Cyan (45%)
- Magenta (0%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.7634, 0.2771, 0.3929 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 80.7634, 0.2771, 0.3929 by changing the saturation by 10% instead.


 80.7634, 0.2771,
0.3929

 80.7634, 0.2771,
0.3929


497.5018, 0.2939,
0.3625

 60.3468, 0.2732,
0.4000

 134.4385, 0.2830,
0.3822

 43.6982, 0.2683,
0.4089


 168.4657, 0.2853,
0.3781

 30.4333, 0.2621,
0.4204


207.7987, 0.2872,
0.3746

 20.1677, 0.2539,
0.4355

252.8216, 0.2889,
0.3715

 12.5170, 0.2426,
0.4567

303.9190, 0.2904,
0.3688

 7.0968, 0.2261,
0.4879

361.4752, 0.2917,

 3.5227, 0.1999,

0.3665

0.5382

425.8747, 0.2929,
0.3644

■ 1.4103, 0.0961,
0.7159

■ 0.2243, 0.0000,
1.0000

■ 80.7634, 0.2771,
0.3929

■ 80.7634, 0.2771,
0.3929

■ 78.2515, 0.2717,
0.4106

■ 83.8358, 0.2838,
0.3763

■ 76.2539, 0.2679,
0.4290

■ 87.4920, 0.2916,
0.3609

■ 74.7330, 0.2661,
0.4476

■ 91.7654, 0.2999,
0.3469

■ 73.6413, 0.2663,
0.4661

■ 96.6842, 0.3087,
0.3342

■ 72.9209, 0.2685,
0.4839

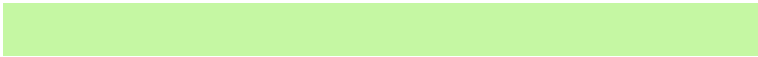
99.3725, 0.3128,
0.3281

■ 72.6384, 0.2704,
0.4933

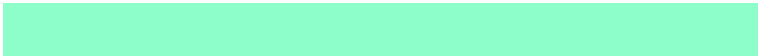
Harmonies

Analogous

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



80.7634, 0.3296, 0.4248



80.7634, 0.2771, 0.3929



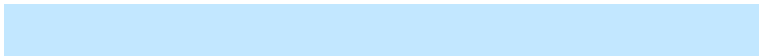
80.7634, 0.2365, 0.3396

Triad

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



80.7634, 0.2771, 0.3929



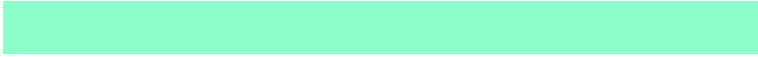
80.7634, 0.2442, 0.2431



80.7634, 0.4197, 0.3544

Complementary

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



80.7634, 0.2771, 0.3929



44.0008, 0.3747, 0.2742

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.



80.7634, 0.3933, 0.3121



80.7634, 0.2771, 0.3929



80.7634, 0.2885, 0.2509

Square

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



80.7634, 0.2771, 0.3929



80.7634, 0.2192, 0.2552



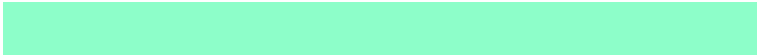
80.7634, 0.3435, 0.2755



80.7634, 0.4139, 0.3949

Rectangle

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



80.7634, 0.2771, 0.3929



80.7634, 0.2205, 0.3041



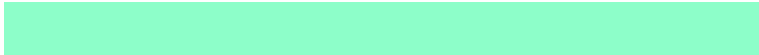
80.7634, 0.3435, 0.2755



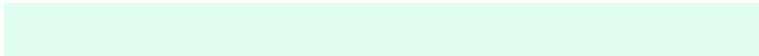
80.7634, 0.4143, 0.3401

Sweetspot

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



80.7667, 0.2771, 0.3929



93.2847, 0.3012, 0.3449



84.4955, 0.3390, 0.4553



19.7466, 0.2993, 0.3478



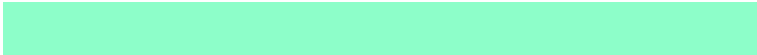
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

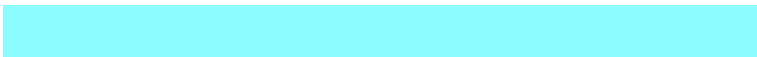
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.7667, 0.2771, 0.3929



79.2910, 0.2724, 0.4079



82.5167, 0.2523, 0.3267



20.3294, 0.3043, 0.3404



38.3212, 0.2696, 0.4905



3.7533, 0.2641, 0.4706

Inverse Universe

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



44.0008, 0.3747, 0.2742



38.0856, 0.3927, 0.2647



42.5886, 0.4316, 0.3313



18.1289, 0.3220, 0.3179



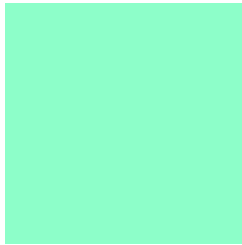
11.8418, 0.5096, 0.2581



1.1748, 0.4825, 0.2432

Previews

White Background



This preview shows how the Yxy color 80.7634, 0.2771, 0.3929 looks on a white background.

Color Contrast Check

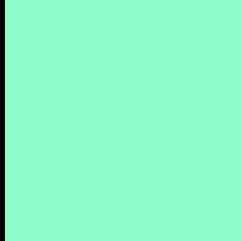
Large Text (above 18pt) WCAG AA × Fail

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 80.7634, 0.2771, 0.3929 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 80.7634, 0.2771, 0.3929

Background



This preview shows how black text looks on a background with the Yxy color 80.7634, 0.2771, 0.3929.

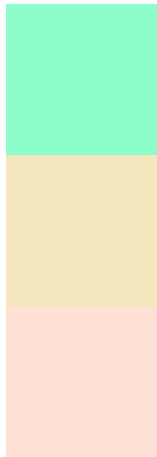


This preview shows how white text looks on a background with the Yxy color 80.7634, 0.2771, 0.3929.

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

80.7634, 0.2771, 0.3929

Protanopia

79.5008, 0.3498, 0.3718

Deuteranopia

79.3754, 0.3424, 0.3402



Tritanopia

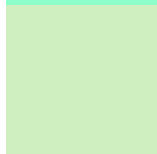
80.3209, 0.2705, 0.3137

Trichromacy



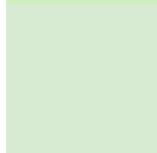
Original Color

80.7634, 0.2771, 0.3929



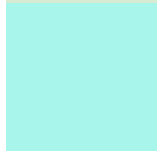
Protanomaly

78.8487, 0.3195, 0.3804



Deuteranomaly

78.3163, 0.3147, 0.3575



Tritanomaly

80.2345, 0.2727, 0.3414

Monochromacy



Original Color

80.7634, 0.2771, 0.3929



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

71.2069, 0.2969, 0.3523

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.7634, 0.2771, 0.3929 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, 254, 201)` looks like.

```
.text, #text, p{  
    color:rgb(141, 254, 201)  
}
```

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, 254, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 254, 201) }
```

Border

The CSS property to change the border of an element to Yxy 80.7634, 0.2771, 0.3929 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, 254, 201) }
```

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

```
.border{ border-color:rgb(141, 254, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 254, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 254, 201); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 254, 201); box-shadow:4px 4px 4px 4px rgb(141, 254, 201) }
```


Background

The CSS property to change the background color of an element to Yxy 80.7634, 0.2771, 0.3929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 254, 201) }
```

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

```
.background{ background-color: rgb(141,  
254, 201) }
```

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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