

Converting Colors

$Yxy(79.0865, 0.2866, 0.3949)$

Have a look what the booklet for
Yxy(79.0865, 0.2866, 0.3949)
contains.

Yxy(79.2799, 0.2867, 0.3950)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(79.2799, 0.2867, 0.3950)

Conversions

Conversions Part 1

Format	Color
Hex	9BFAC3
RGB	155, 250, 195
RGB Percent	61%, 98%, 76%
CMY	0.3924, 0.0195, 0.2354
CMYK	0.38, 0.00, 0.22, 0.02
HSL	145°, 91%, 79%
HSV	145°, 38%, 98%
XYZ	57.5432, 79.2799, 63.8855
YIQ	215.3250, -38.9650, -37.2450

Conversions

Conversions Part 2

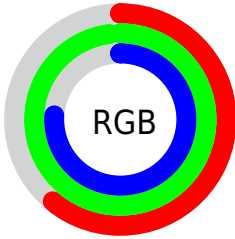
Format	Color
RYB	155, 222, 250
Decimal	10222275
CIELab	91.36, -39.78, 17.67
CIELCh	91, 43.528, 156.049
Yxy	79.2799, 0.2867, 0.3950
Android (android.graphics.Color)	4288412355 (0xFF9BFAC3)
YUV	215.3250, -10.0202, -52.9050
Hunter-Lab	89.0393, -40.4600, 19.7870

Details

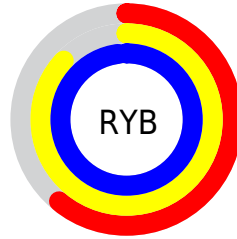
The Yxy color **79.2799, 0.2867, 0.3950** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **48.4033, 0.3523, 0.2717**, and the grayscale version is **68.2681, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5453, 0.2887, 0.3320**, and **42.7157, 0.2800, 0.4121** is the 20% darker color. If you saturate the color by 10%, you get **76.4382, 0.2815, 0.4163**, and if you desaturate by 10%, it is **82.7036, 0.2929, 0.3752**.

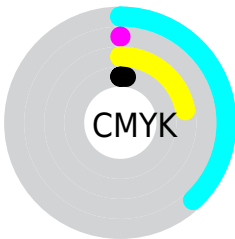
Distribution



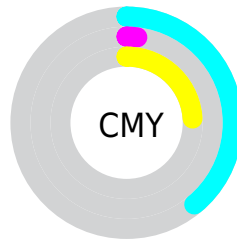
- Red (61%)
- Green (98%)
- Blue (76%)



- Red (61%)
- Yellow (87%)
- Blue (98%)



- Cyan (38%)
- Magenta (0%)
- Yellow (22%)
- Black (2%)





- Cyan (39%)
- Magenta (2%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.2799, 0.2867, 0.3950 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 79.2799, 0.2867, 0.3950 by changing the saturation by 10% instead.


 79.2799, 0.2867,
0.3950


 79.2799, 0.2867,
0.3950


492.5027, 0.2992,
0.3635

 59.1260, 0.2837,
0.4024


 132.3528, 0.2912,
0.3839

 42.7145, 0.2800,
0.4117


 166.0406, 0.2929,
0.3796

 29.6612, 0.2751,
0.4237


205.0085, 0.2943,
0.3760

 19.5816, 0.2686,
0.4397

249.6408, 0.2956,
0.3728

 12.0913, 0.2594,
0.4619

300.3220, 0.2967,
0.3700

 6.8059, 0.2456,
0.4951


357.4365, 0.2976,


 3.3410, 0.2227,


0.3676


0.5489


421.3686, 0.2985,
0.3654


 1.3122, 0.1343,
0.7855


 0.1506, 0.0000,
1.0000

 79.2799, 0.2867,
0.3950

 79.2799, 0.2867,
0.3950


 76.4382, 0.2815,
0.4163


 82.7036, 0.2929,
0.3752


 74.1350, 0.2776,
0.4388

 86.7304, 0.2997,
0.3571

 72.3363, 0.2753,
0.4617

 91.3920, 0.3069,
0.3408

 71.0000, 0.2749,
0.4844

 96.7153, 0.3142,
0.3263

■ 70.0763, 0.2764,
0.5061

■ 96.8609, 0.3129,
0.3243

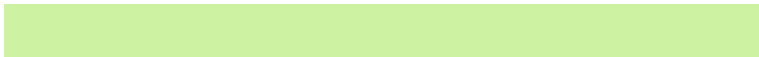
■ 69.4984, 0.2797,
0.5259

■ 69.4066, 0.2804,
0.5296

Harmonies

Analogous

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



79.2799, 0.3367, 0.4202



79.2799, 0.2867, 0.3950



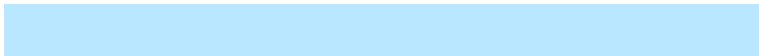
79.2799, 0.2458, 0.3473

Triad

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



79.2799, 0.2867, 0.3950



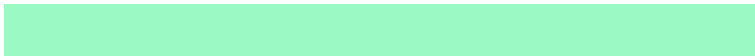
79.2799, 0.2433, 0.2485



79.2799, 0.4111, 0.3471

Complementary

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



79.2799, 0.2867, 0.3950



48.4033, 0.3523, 0.2717

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.



79.2799, 0.3821, 0.3074



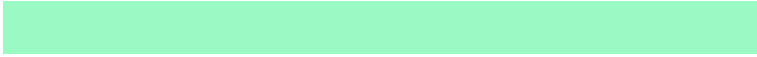
79.2799, 0.2867, 0.3950



79.2799, 0.2826, 0.2530

Square

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



79.2799, 0.2867, 0.3950



79.2799, 0.2227, 0.2633



79.2799, 0.3336, 0.2741



79.2799, 0.4106, 0.3860

Rectangle

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



79.2799, 0.2867, 0.3950



79.2799, 0.2285, 0.3133



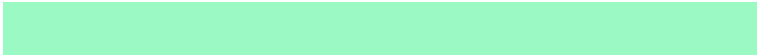
79.2799, 0.3336, 0.2741



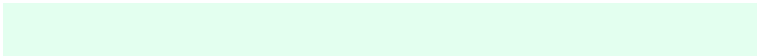
79.2799, 0.4045, 0.3336

Sweetspot

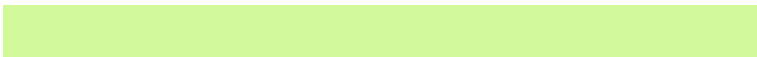
The Sweet Spot groups the original color and five complimentary colors.



79.2832, 0.2867, 0.3950



94.0607, 0.3047, 0.3454



84.5064, 0.3424, 0.4332



19.9886, 0.3037, 0.3476



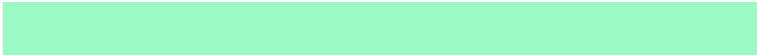
0.0000, 0.0000, 0.0000



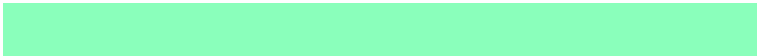
21.4041, 0.3127, 0.3290

Same Dimension

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



79.2832, 0.2867, 0.3950



80.4896, 0.2824, 0.4120



81.7604, 0.2634, 0.3379



19.4305, 0.3058, 0.3431



36.8375, 0.2796, 0.5265



3.4324, 0.2731, 0.5030

Inverse Universe

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



48.4033, 0.3523, 0.2717



43.7881, 0.3642, 0.2598



46.3907, 0.3992, 0.3208



17.3937, 0.3203, 0.3154



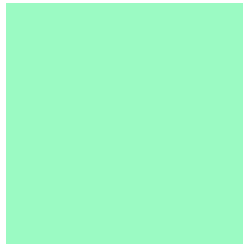
11.8898, 0.4630, 0.2324



1.1224, 0.4413, 0.2205

Previews

White Background



This preview shows how the Yxy color 79.2799, 0.2867, 0.3950 looks on a white background.

Color Contrast Check

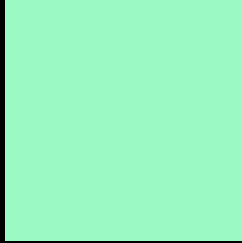
Large Text (above 18pt) WCAG AA × Fail

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 79.2799, 0.2867, 0.3950 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 79.2799, 0.2867, 0.3950

Background



This preview shows how black text looks on a background with the Yxy color 79.2799, 0.2867, 0.3950.

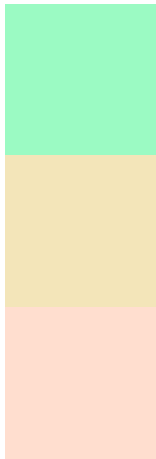


This preview shows how white text looks on a background with the Yxy color 79.2799, 0.2867, 0.3950.

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

79.2799, 0.2867, 0.3950

Protanopia

78.5961, 0.3519, 0.3751

Deuteranopia

78.0075, 0.3470, 0.3443



Tritanopia

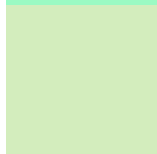
79.0203, 0.2698, 0.3114

Trichromacy



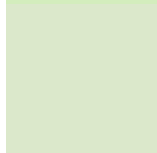
Original Color

79.2799, 0.2867, 0.3950



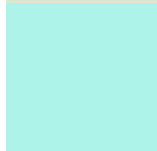
Protanomaly

78.0914, 0.3249, 0.3825



Deuteranomaly

77.0851, 0.3222, 0.3607



Tritanomaly

78.8686, 0.2761, 0.3402

Monochromacy



Original Color

79.2799, 0.2867, 0.3950



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

71.3783, 0.3015, 0.3521

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.2799, 0.2867, 0.3950 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, 250, 195)` looks like.

```
.text, #text, p{  
    color:rgb(155, 250, 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(155, 250, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 250, 195) }
```

Border

The CSS property to change the border of an element to Yxy 79.2799, 0.2867, 0.3950 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, 250, 195) }
```

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

```
.border{ border-color:rgb(155, 250, 195) }
```

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

Here you see how a box with a 4 pixel rgb(155, 250, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 250, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 250, 195);  
box-shadow:4px 4px 4px 4px rgb(155, 250,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 79.2799, 0.2867, 0.3950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 250, 195) }
```

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

```
.background{ background-color: rgb(155,  
250, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor