

Converting Colors

$Yxy(78.0565, 0.2865, 0.4151)$

Have a look what the booklet for
Yxy(78.0565, 0.2865, 0.4151)
contains.

Yxy(77.9933, 0.2867, 0.4154)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(77.9933, 0.2867, 0.4154)

Conversions

Conversions Part 1

Format	Color
Hex	8DFBB5
RGB	141, 251, 181
RGB Percent	55%, 98%, 71%
CMY	0.4468, 0.0157, 0.2902
CMYK	0.44, 0.00, 0.28, 0.02
HSL	142°, 93%, 77%
HSV	142°, 44%, 98%
XYZ	53.8293, 77.9933, 55.9321
YIQ	210.1300, -43.0900, -45.0900

Conversions

Conversions Part 2

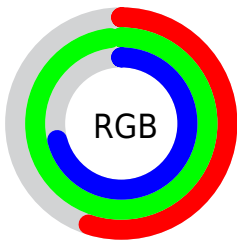
Format	Color
RYB	141, 222, 251
Decimal	9305013
CIELab	90.78, -46.57, 23.92
CIELCh	91, 52.351, 152.809
Yxy	77.9933, 0.2867, 0.4154
Android (android.graphics.Color)	4287495093 (0xFF8DFBB5)
YUV	210.1300, -14.3611, -60.6270
Hunter-Lab	88.3138, -45.7494, 24.2693

Details

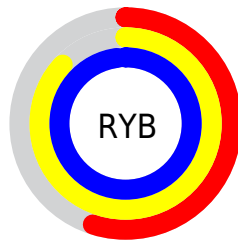
The Yxy color **77.9933, 0.2867, 0.4154** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **44.2819, 0.3544, 0.2569**, and the grayscale version is **64.6664, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.7765, 0.2893, 0.3481**, and **41.9811, 0.2791, 0.4380** is the 20% darker color. If you saturate the color by 10%, you get **75.4199, 0.2827, 0.4397**, and if you desaturate by 10%, it is **81.1469, 0.2918, 0.3924**.

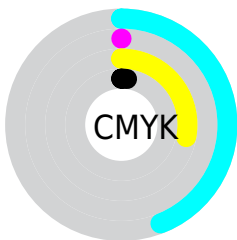
Distribution



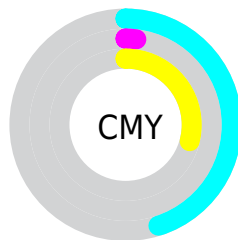
- Red (55%)
- Green (98%)
- Blue (71%)



- Red (55%)
- Yellow (87%)
- Blue (98%)



- Cyan (44%)
- Magenta (0%)
- Yellow (28%)
- Black (2%)





- Cyan (45%)
- Magenta (2%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.9933, 0.2867, 0.4154 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 77.9933, 0.2867, 0.4154 by changing the saturation by 10% instead.

 77.9933, 0.2867,
0.4154


 77.9933, 0.2867,
0.4154


488.1441, 0.2998,
0.3736

 58.0685, 0.2835,
0.4254

 130.5407, 0.2914,
0.4005

 41.8637, 0.2793,
0.4379


 163.9320, 0.2932,
0.3949

 28.9946, 0.2739,
0.4542


202.5810, 0.2947,
0.3900

 19.0767, 0.2664,
0.4759

246.8720, 0.2960,
0.3858

 11.7257, 0.2556,
0.5065

297.1894, 0.2971,
0.3822

 6.5572, 0.2387,
0.5521


353.9176, 0.2981,


 3.1868, 0.2098,


0.3790


0.6266


417.4410, 0.2990,
0.3761


 1.2300, 0.0000,
1.0000


 0.0860, 0.0000,
1.0000


 77.9933, 0.2867,
0.4154

 77.9933, 0.2867,
0.4154


 75.4199, 0.2827,
0.4397

 81.1469, 0.2918,
0.3924


 73.3806, 0.2801,
0.4648

 84.9045, 0.2976,
0.3713

 71.8374, 0.2792,
0.4896

 89.2999, 0.3038,
0.3521

 70.7430, 0.2801,
0.5133

 94.3618, 0.3103,
0.3350

■ 70.0402, 0.2829,
0.5347

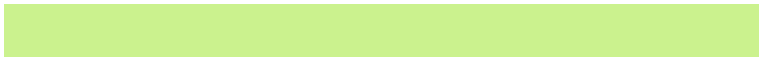
■ 97.4724, 0.3129,
0.3252

■ 69.7510, 0.2851,
0.5465

Harmonies

Analogous

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



77.9933, 0.3467, 0.4415



77.9933, 0.2867, 0.4154



77.9933, 0.2367, 0.3575

Triad

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



77.9933, 0.2867, 0.4154



77.9933, 0.2263, 0.2341



77.9933, 0.4297, 0.3438

Complementary

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



77.9933, 0.2867, 0.4154



44.2819, 0.3544, 0.2569

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.



77.9933, 0.3911, 0.2979



77.9933, 0.2867, 0.4154



77.9933, 0.2702, 0.2376

Square

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



77.9933, 0.2867, 0.4154



77.9933, 0.2049, 0.2531



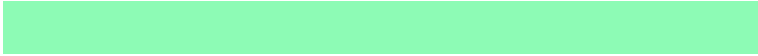
77.9933, 0.3305, 0.2604



77.9933, 0.4322, 0.3906

Rectangle

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



77.9933, 0.2867, 0.4154



77.9933, 0.2149, 0.3153



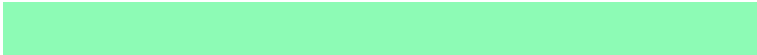
77.9933, 0.3305, 0.2604



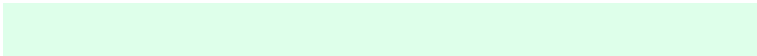
77.9933, 0.4204, 0.3280

Sweetspot

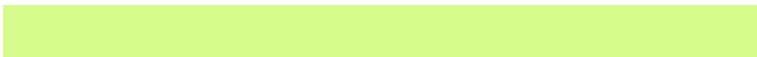
The Sweet Spot groups the original color and five complimentary colors.



77.9965, 0.2867, 0.4154



92.9603, 0.3043, 0.3507



84.9915, 0.3511, 0.4480



19.6668, 0.3029, 0.3547



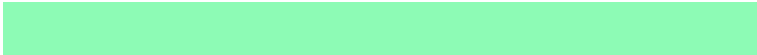
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



77.9965, 0.2867, 0.4154



78.3651, 0.2830, 0.4379



80.6300, 0.2608, 0.3481



19.4135, 0.3066, 0.3445



36.6904, 0.2843, 0.5435



3.4177, 0.2776, 0.5195

Inverse Universe

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



44.2819, 0.3544, 0.2569



39.1082, 0.3670, 0.2430



42.0291, 0.4113, 0.3118



17.4113, 0.3194, 0.3140



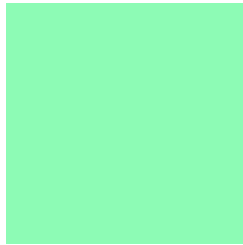
12.1401, 0.4394, 0.2194



1.1447, 0.4214, 0.2095

Previews

White Background



This preview shows how the Yxy color 77.9933, 0.2867, 0.4154 looks on a white background.

Color Contrast Check

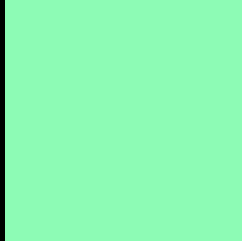
Large Text (above 18pt) WCAG AA × Fail

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 77.9933, 0.2867, 0.4154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

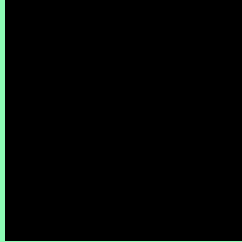
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.9933, 0.2867, 0.4154

Background



This preview shows how black text looks on a background with the Yxy color 77.9933, 0.2867, 0.4154.

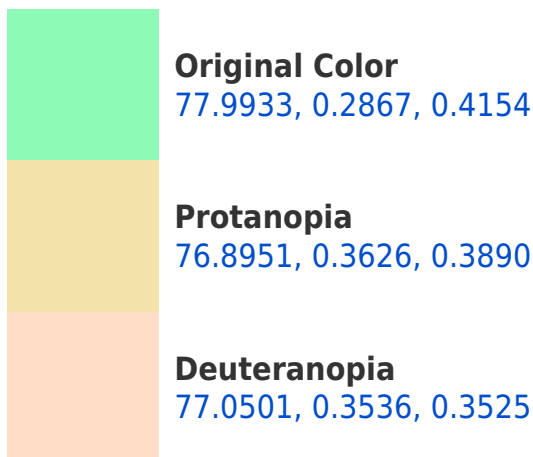


This preview shows how white text looks on a background with the Yxy color 77.9933, 0.2867, 0.4154.

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





Tritanopia

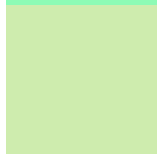
77.8372, 0.2645, 0.3112

Trichromacy



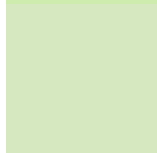
Original Color

77.9933, 0.2867, 0.4154



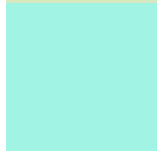
Protanomaly

76.1687, 0.3309, 0.3995



Deuteranomaly

75.8151, 0.3257, 0.3736



Tritanomaly

77.2797, 0.2723, 0.3463

Monochromacy



Original Color

77.9933, 0.2867, 0.4154



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

68.2882, 0.3017, 0.3599

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.9933, 0.2867, 0.4154 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, 251, 181)` looks like.

```
.text, #text, p{  
    color:rgb(141, 251, 181)  
}
```

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, 251, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 251, 181) }
```

Border

The CSS property to change the border of an element to Yxy 77.9933, 0.2867, 0.4154 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, 251, 181) }
```

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

```
.border{ border-color:rgb(141, 251, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 251, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 251, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 251, 181);  
box-shadow:4px 4px 4px 4px rgb(141, 251,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 77.9933, 0.2867, 0.4154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 251, 181) }
```

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

```
.background{ background-color: rgb(141,  
251, 181) }
```

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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