

Converting Colors

Yxy(80.2013, 0.2968, 0.4142)

Have a look what the booklet for
Yxy(80.2013, 0.2968, 0.4142)
contains.

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Color

Yxy(80.4306, 0.2967, 0.4140)

Conversions

Conversions Part 1

Format	Color
Hex	A0FCB5
RGB	160, 252, 181
RGB Percent	63%, 99%, 71%
CMY	0.3727, 0.0117, 0.2902
CMYK	0.37, 0.00, 0.28, 0.01
HSL	134°, 94%, 81%
HSV	134°, 37%, 99%
XYZ	57.6419, 80.4306, 56.2043
YIQ	216.3980, -32.0410, -41.5850

Conversions

Conversions Part 2

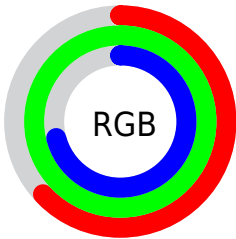
Format	Color
RYB	160, 235, 252
Decimal	10550453
CIELab	91.88, -41.77, 25.56
CIELCh	92, 48.967, 148.534
Yxy	80.4306, 0.2967, 0.4140
Android (android.graphics.Color)	4288740533 (0xFFA0FCB5)
YUV	216.3980, -17.4512, -49.4610
Hunter-Lab	89.6831, -42.2183, 25.6212

Details

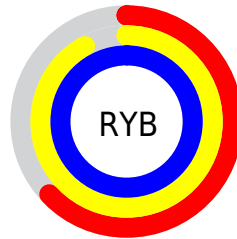
The Yxy color **80.4306, 0.2967, 0.4140** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **51.5924, 0.3345, 0.2570**, and the grayscale version is **69.0885, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.3861, 0.2997, 0.3476**, and **43.5318, 0.2914, 0.4356** is the 20% darker color. If you saturate the color by 10%, you get **77.3523, 0.2932, 0.4425**, and if you desaturate by 10%, it is **84.1533, 0.3008, 0.3874**.

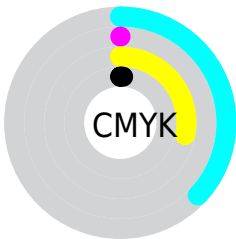
Distribution



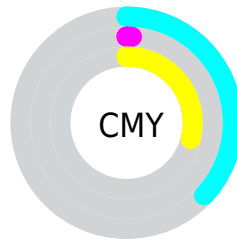
- Red (63%)
- Green (99%)
- Blue (71%)



- Red (63%)
- Yellow (92%)
- Blue (99%)



- Cyan (37%)
- Magenta (0%)
- Yellow (28%)
- Black (1%)





- Cyan (37%)
- Magenta (1%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.4306, 0.2967, 0.4140 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 80.4306, 0.2967, 0.4140 by changing the saturation by 10% instead.

 80.4306, 0.2967,
0.4140

 80.4306, 0.2967,
0.4140


496.3828, 0.3051,
0.3732

 60.0728, 0.2945,
0.4237


 133.9710, 0.2998,
0.3996

 43.4773, 0.2917,
0.4357


 167.9223, 0.3010,
0.3940

 30.2598, 0.2879,
0.4513


207.1735, 0.3019,
0.3893

 20.0358, 0.2826,
0.4720

252.1091, 0.3028,
0.3852

 12.4211, 0.2747,
0.5008

303.1135, 0.3035,
0.3816

 7.0312, 0.2620,
0.5433


360.5709, 0.3041,


 3.4816, 0.2395,


0.3785


0.6113


424.8659, 0.3046,
0.3757


 1.3880, 0.1423,
0.8577


 0.2079, 0.0000,
1.0000

 80.4306, 0.2967,
0.4140


 80.4306, 0.2967,
0.4140

 77.3523, 0.2932,
0.4425

 84.1533, 0.3008,
0.3874


 74.8716, 0.2905,
0.4720

 88.5440, 0.3052,
0.3633

 72.9517, 0.2890,
0.5014

 93.6373, 0.3098,
0.3417

 71.5470, 0.2889,
0.5289

 98.1082, 0.3128,
0.3262

■ 70.6046, 0.2903,
0.5529

■ 70.0591, 0.2928,
0.5721

■ 69.9299, 0.2938,
0.5776

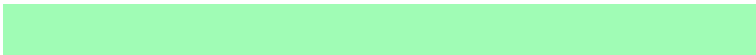
Harmonies

Analogous

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



80.4306, 0.3526, 0.4331



80.4306, 0.2967, 0.4140



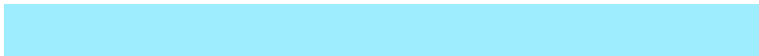
80.4306, 0.2478, 0.3639

Triad

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



80.4306, 0.2967, 0.4140



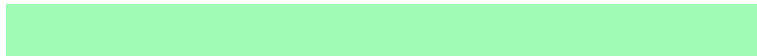
80.4306, 0.2279, 0.2417



80.4306, 0.4177, 0.3370

Complementary

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



80.4306, 0.2967, 0.4140



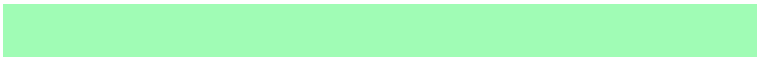
51.5924, 0.3345, 0.2570

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.



80.4306, 0.3781, 0.2946



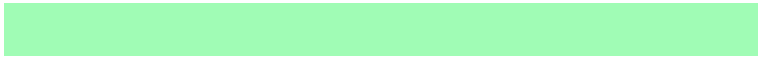
80.4306, 0.2967, 0.4140



80.4306, 0.2664, 0.2419

Square

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



80.4306, 0.2967, 0.4140



80.4306, 0.2110, 0.2630



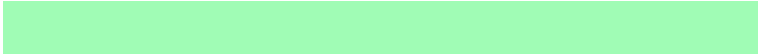
80.4306, 0.3210, 0.2609



80.4306, 0.4253, 0.3811

Rectangle

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



80.4306, 0.2967, 0.4140



80.4306, 0.2252, 0.3248



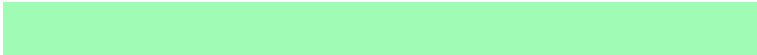
80.4306, 0.3210, 0.2609



80.4306, 0.4076, 0.3223

Sweetspot

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



80.4340, 0.2967, 0.4140



93.7467, 0.3077, 0.3510



89.3319, 0.3540, 0.4247



19.9141, 0.3071, 0.3540



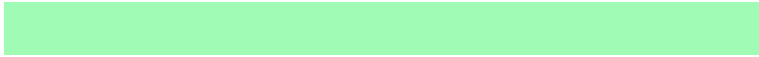
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



80.4340, 0.2967, 0.4140



80.1859, 0.2940, 0.4352



82.5847, 0.2739, 0.3589



19.3742, 0.3084, 0.3478



36.4417, 0.2931, 0.5751



3.3906, 0.2871, 0.5535

Inverse Universe

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



51.5924, 0.3345, 0.2570



46.5215, 0.3403, 0.2427



49.3717, 0.3761, 0.3016



17.4527, 0.3173, 0.3109



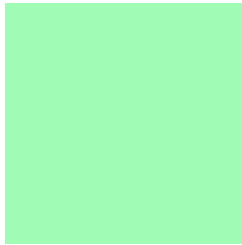
12.8420, 0.3889, 0.1916



1.2054, 0.3791, 0.1862

Previews

White Background



This preview shows how the Yxy color 80.4306, 0.2967, 0.4140 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 80.4306, 0.2967, 0.4140 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 80.4306, 0.2967, 0.4140

Background



This preview shows how black text looks on a background with the Yxy color 80.4306, 0.2967, 0.4140.

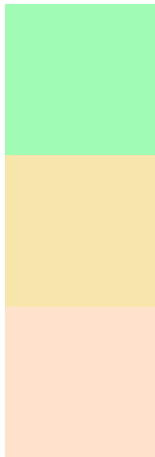


This preview shows how white text looks on a background with the Yxy color 80.4306, 0.2967, 0.4140.

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

80.4306, 0.2967, 0.4140

Protanopia

79.3081, 0.3641, 0.3902

Deuteranopia

79.4701, 0.3486, 0.3503



Tritanopia

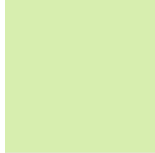
79.7718, 0.2731, 0.3116

Trichromacy



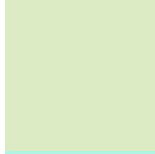
Original Color

80.4306, 0.2967, 0.4140



Protanomaly

78.6913, 0.3363, 0.3989



Deuteranomaly

78.6178, 0.3270, 0.3716



Tritanomaly

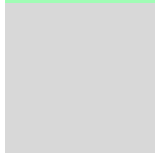
79.7678, 0.2815, 0.3470

Monochromacy



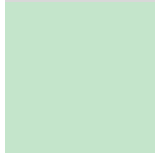
Original Color

80.4306, 0.2967, 0.4140



Achromatopsia

68.6685, 0.3127, 0.3290



Achromatomaly

72.0862, 0.3066, 0.3590

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.4306, 0.2967, 0.4140 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(160, 252, 181)` looks like.

```
.text, #text, p{  
    color:rgb(160, 252, 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(160, 252, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 252, 181) }
```

Border

The CSS property to change the border of an element to Yxy 80.4306, 0.2967, 0.4140 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(160, 252, 181) }
```

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

```
.border{ border-color:rgb(160, 252, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 252, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 252, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 252, 181);  
box-shadow:4px 4px 4px 4px rgb(160, 252,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 80.4306, 0.2967, 0.4140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 252, 181) }
```

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

```
.background{ background-color: rgb(160,  
252, 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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