

Converting Colors

Yxy(84.4414, 0.3065, 0.4126)

Have a look what the booklet for
Yxy(84.4414, 0.3065, 0.4126)
contains.

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Color

Yxy(84.4811, 0.3070, 0.4131)

Conversions

Conversions Part 1

Format	Color
Hex	B3FFB6
RGB	179, 255, 182
RGB Percent	70%, 100%, 71%
CMY	0.2982, 0.0000, 0.2864
CMYK	0.30, 0.00, 0.29, 0.00
HSL	122°, 100%, 85%
HSV	122°, 30%, 100%
XYZ	62.7831, 84.4811, 57.2410
YIQ	223.9540, -21.8630, -38.8150

Conversions

Conversions Part 2

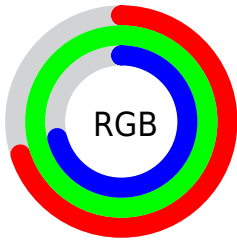
Format	Color
RYB	179, 252, 255
Decimal	11796406
CIELab	93.66, -37.22, 27.65
CIElCh	94, 46.366, 143.389
Yxy	84.4811, 0.3070, 0.4131
Android (android.graphics.Color)	4289986486 (0xFFB3FFB6)
YUV	223.9540, -20.6833, -39.4247
Hunter-Lab	91.9136, -38.9214, 27.4155

Details

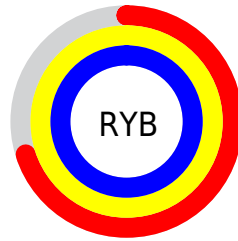
The Yxy color **84.4811, 0.3070, 0.4131** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **60.5063, 0.3185, 0.2572**, and the grayscale version is **74.6551, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5259, 0.3107, 0.3460**, and **46.2582, 0.3043, 0.4335** is the 20% darker color. If you saturate the color by 10%, you get **80.7874, 0.3050, 0.4471**, and if you desaturate by 10%, it is **88.8998, 0.3090, 0.3816**.

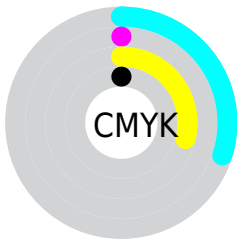
Distribution



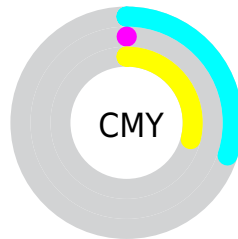
- Red (70%)
- Green (100%)
- Blue (71%)



- Red (70%)
- Yellow (99%)
- Blue (100%)



- Cyan (30%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)





- Cyan (30%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.4811, 0.3070, 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 84.4811, 0.3070, 0.4131 by changing the saturation by 10% instead.


 84.4811, 0.3070,
0.4131

 84.4811, 0.3070,
0.4131


509.9095, 0.3107,
0.3732

 63.4127, 0.3059,
0.4224


 139.6480, 0.3085,
0.3991

 46.1752, 0.3044,
0.4340

174.5152, 0.3090,
0.3937

 32.3841, 0.3023,
0.4488


214.7509, 0.3094,
0.3891

 21.6550, 0.2992,
0.4682

260.7394, 0.3098,
0.3851

 13.6036, 0.2943,
0.4950

312.8651, 0.3100,
0.3815

 7.8455, 0.2860,
0.5337

371.5125, 0.3103,

 3.9963, 0.2701,

0.3784

0.5935

437.0658, 0.3105,
0.3757

1.6715, 0.2403,
0.7597

0.4051, 0.0000,
1.0000

84.4811, 0.3070,
0.4131

84.4811, 0.3070,
0.4131

80.7874, 0.3050,
0.4471

88.8998, 0.3090,
0.3816

77.7990, 0.3031,
0.4823

94.1012, 0.3110,
0.3534

75.4651, 0.3014,
0.5166

100.0000, 0.3127,
0.3290

73.7364, 0.3002,
0.5476

■ 72.5571, 0.2995,
0.5725

■ 71.8607, 0.2994,
0.5895

■ 71.5461, 0.2995,
0.5982

■ 71.5423, 0.2995,
0.5983

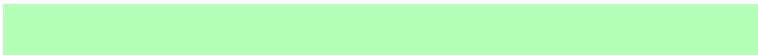
Harmonies

Analogous

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



84.4811, 0.3590, 0.4255



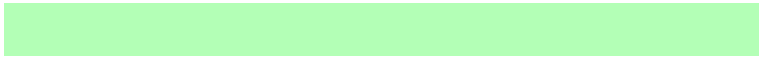
84.4811, 0.3070, 0.4131



84.4811, 0.2590, 0.3706

Triad

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



84.4811, 0.3070, 0.4131



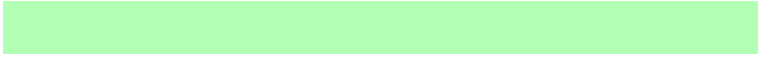
84.4811, 0.2289, 0.2492



84.4811, 0.4060, 0.3298

Complementary

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



84.4811, 0.3070, 0.4131



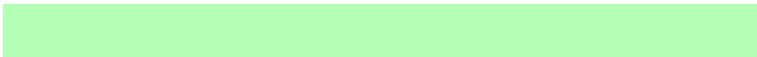
60.5063, 0.3185, 0.2572

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.



84.4811, 0.3652, 0.2907



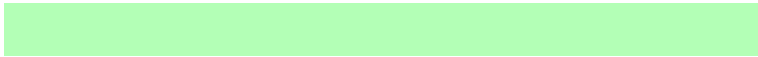
84.4811, 0.3070, 0.4131



84.4811, 0.2620, 0.2458

Square

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



84.4811, 0.3070, 0.4131



84.4811, 0.2167, 0.2732



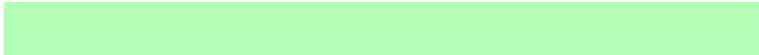
84.4811, 0.3113, 0.2609



84.4811, 0.4188, 0.3716

Rectangle

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



84.4811, 0.3070, 0.4131



84.4811, 0.2354, 0.3346



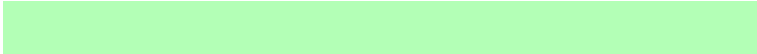
84.4811, 0.3113, 0.2609



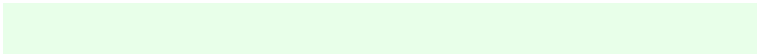
84.4811, 0.3950, 0.3162

Sweetspot

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



84.4742, 0.3070, 0.4131



94.5653, 0.3111, 0.3512



95.5550, 0.3562, 0.4042



20.0662, 0.3108, 0.3551



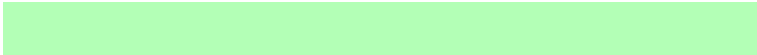
0.0000, 0.0000, 0.0000



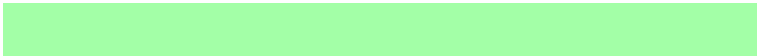
21.4041, 0.3127, 0.3290

Same Dimension

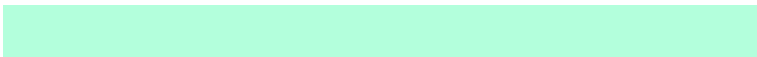
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.4742, 0.3070, 0.4131



82.1124, 0.3057, 0.4338



86.2390, 0.2873, 0.3687



20.1799, 0.3110, 0.3526



37.3874, 0.2993, 0.5976



3.6442, 0.2977, 0.5919

Inverse Universe

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



60.5063, 0.3185, 0.2572



54.5121, 0.3198, 0.2427



58.3574, 0.3487, 0.2926



18.2871, 0.3144, 0.3065



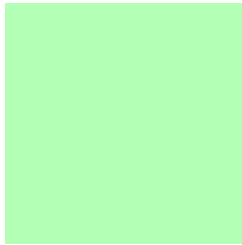
14.5540, 0.3312, 0.1598



1.4208, 0.3299, 0.1591

Previews

White Background



This preview shows how the Yxy color 84.4811, 0.3070, 0.4131 looks on a white background.

Color Contrast Check

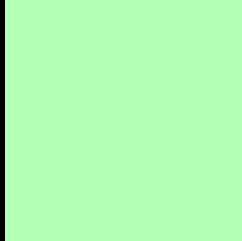
Large Text (above 18pt) WCAG AA × Fail

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 84.4811, 0.3070, 0.4131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

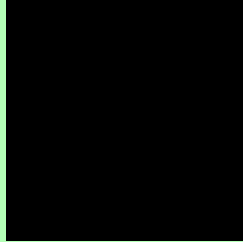
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 84.4811, 0.3070, 0.4131

Background



This preview shows how black text looks on a background with the Yxy color 84.4811, 0.3070, 0.4131.

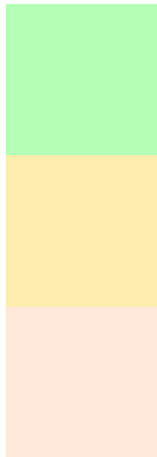


This preview shows how white text looks on a background with the Yxy color 84.4811, 0.3070, 0.4131.

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

84.4811, 0.3070, 0.4131

Protanopia

83.8907, 0.3655, 0.3928

Deuteranopia

83.8795, 0.3398, 0.3461



Tritanopia

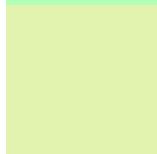
84.2796, 0.2847, 0.3154

Trichromacy



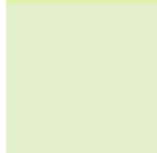
Original Color

84.4811, 0.3070, 0.4131



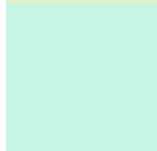
Protanomaly

83.4045, 0.3424, 0.4008



Deuteranomaly

82.9629, 0.3269, 0.3684



Tritanomaly

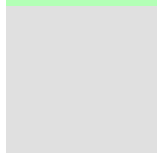
84.1287, 0.2932, 0.3497

Monochromacy



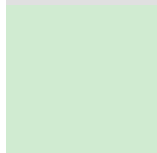
Original Color

84.4811, 0.3070, 0.4131



Achromatopsia

74.5404, 0.3127, 0.3290



Achromatomaly

77.4300, 0.3107, 0.3578

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.4811, 0.3070, 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(179, 255, 182)` looks like.

```
.text, #text, p{  
    color:rgb(179, 255, 182)  
}
```

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(179, 255, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 255, 182) }
```

Border

The CSS property to change the border of an element to Yxy 84.4811, 0.3070, 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(179, 255, 182) }
```

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

```
.border{ border-color:rgb(179, 255, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 255, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 255, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 255, 182);  
box-shadow:4px 4px 4px 4px rgb(179, 255,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 84.4811, 0.3070, 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(179, 255, 182) }
```

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

```
.background{ background-color: rgb(179,  
255, 182) }
```

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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