

Converting Colors

Yxy(84.9115, 0.3075, 0.4100)

Have a look what the booklet for
Yxy(84.9115, 0.3075, 0.4100)
contains.

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Color

Yxy(84.9258, 0.3077, 0.4102)

Conversions

Conversions Part 1

Format	Color
Hex	B6FFB8
RGB	182, 255, 184
RGB Percent	71%, 100%, 72%
CMY	0.2863, 0.0000, 0.2783
CMYK	0.29, 0.00, 0.28, 0.00
HSL	122°, 100%, 86%
HSV	122°, 29%, 100%
XYZ	63.7047, 84.9258, 58.4046
YIQ	225.0790, -20.7170, -37.5570

Conversions

Conversions Part 2

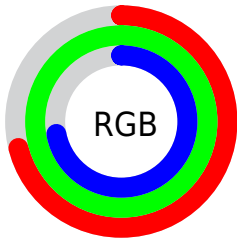
Format	Color
RYB	182, 253, 255
Decimal	11993016
CIELab	93.85, -35.93, 26.90
CIELCh	94, 44.879, 143.179
Yxy	84.9258, 0.3077, 0.4102
Android (android.graphics.Color)	4290183096 (0xFFB6FFB8)
YUV	225.0790, -20.2519, -37.7803
Hunter-Lab	92.1552, -37.8788, 26.9328

Details

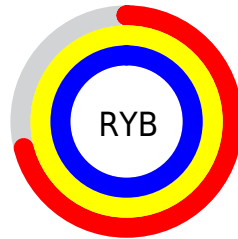
The Yxy color **84.9258, 0.3077, 0.4102** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **61.8005, 0.3176, 0.2593**, and the grayscale version is **75.5151, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1620, 0.3114, 0.3439**, and **46.5389, 0.3051, 0.4297** is the 20% darker color. If you saturate the color by 10%, you get **81.1492, 0.3058, 0.4443**, and if you desaturate by 10%, it is **89.4510, 0.3096, 0.3787**.

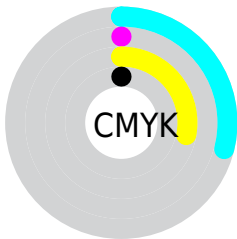
Distribution



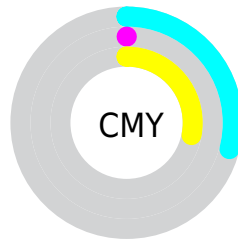
- Red (71%)
- Green (100%)
- Blue (72%)



- Red (71%)
- Yellow (99%)
- Blue (100%)



- Cyan (29%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)





- Cyan (29%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.9258, 0.3077, 0.4102 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 84.9258, 0.3077, 0.4102 by changing the saturation by 10% instead.

 84.9258, 0.3077,
0.4102

 84.9258, 0.3077,
0.4102


511.3825, 0.3110,
0.3718

 63.7801, 0.3067,
0.4191

 140.2695, 0.3090,
0.3967

 46.4726, 0.3054,
0.4303


175.2363, 0.3095,
0.3915

 32.6189, 0.3035,
0.4444


215.5788, 0.3099,
0.3871

 21.8347, 0.3007,
0.4631

261.6816, 0.3102,
0.3832

 13.7355, 0.2962,
0.4887

313.9290, 0.3104,
0.3798

 7.9369, 0.2886,
0.5257

372.7053, 0.3106,

 4.0546, 0.2740,

0.3768

0.5829

438.3950, 0.3108,
0.3742

1.7042, 0.2541,
0.7459

0.4263, 0.0000,
1.0000

84.9258, 0.3077,
0.4102

84.9258, 0.3077,
0.4102

81.1492, 0.3058,
0.4443

89.4510, 0.3096,
0.3787

78.0791, 0.3039,
0.4798

94.7601, 0.3113,
0.3505

75.6722, 0.3022,
0.5146

100.0000, 0.3127,
0.3290

73.8795, 0.3009,
0.5461

■ 72.6455, 0.3000,
0.5717

■ 71.9045, 0.2997,
0.5892

■ 71.5657, 0.2997,
0.5981

■ 71.5357, 0.2997,
0.5988

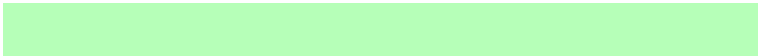
Harmonies

Analogous

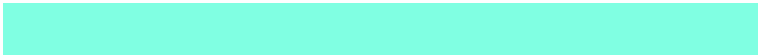
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.9258, 0.3580, 0.4221



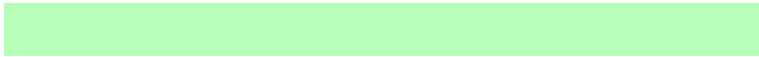
84.9258, 0.3077, 0.4102



84.9258, 0.2611, 0.3695

Triad

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



84.9258, 0.3077, 0.4102



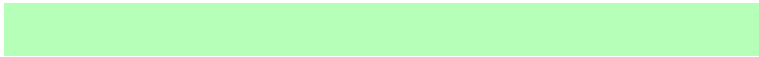
84.9258, 0.2314, 0.2518



84.9258, 0.4026, 0.3297

Complementary

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



84.9258, 0.3077, 0.4102



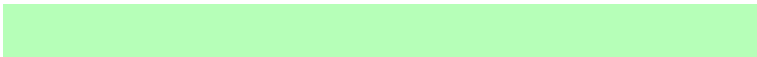
61.8005, 0.3176, 0.2593

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.



84.9258, 0.3631, 0.2917



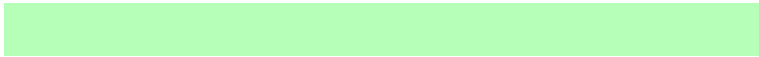
84.9258, 0.3077, 0.4102



84.9258, 0.2634, 0.2483

Square

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



84.9258, 0.3077, 0.4102



84.9258, 0.2196, 0.2754



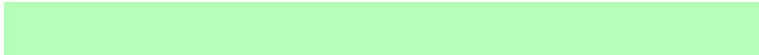
84.9258, 0.3110, 0.2628



84.9258, 0.4153, 0.3702

Rectangle

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



84.9258, 0.3077, 0.4102



84.9258, 0.2381, 0.3349



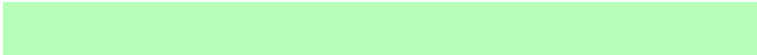
84.9258, 0.3110, 0.2628



84.9258, 0.3919, 0.3164

Sweetspot

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



84.9264, 0.3077, 0.4102



94.5500, 0.3113, 0.3515



95.9270, 0.3553, 0.4010



20.0625, 0.3110, 0.3554



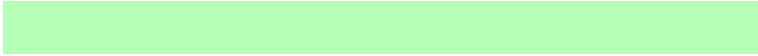
0.0000, 0.0000, 0.0000



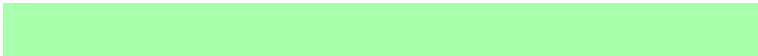
21.4041, 0.3127, 0.3290

Same Dimension

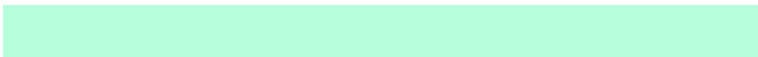
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.9264, 0.3077, 0.4102



82.8081, 0.3067, 0.4283



86.6160, 0.2888, 0.3683



20.1764, 0.3112, 0.3529



37.3825, 0.2995, 0.5983



3.6426, 0.2984, 0.5942

Inverse Universe

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



61.8005, 0.3176, 0.2593



56.4402, 0.3186, 0.2465



59.7363, 0.3459, 0.2930



18.2910, 0.3142, 0.3062



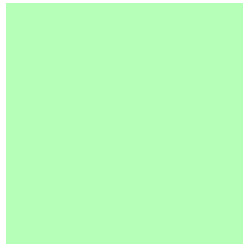
14.6486, 0.3281, 0.1581



1.4290, 0.3272, 0.1576

Previews

White Background



This preview shows how the Yxy color 84.9258, 0.3077, 0.4102 looks on a white background.

Color Contrast Check

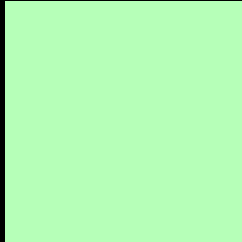
Large Text (above 18pt) WCAG AA × Fail

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 84.9258, 0.3077, 0.4102 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

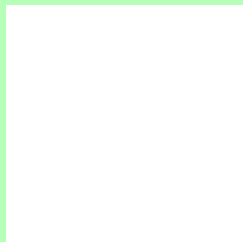
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.9258, 0.3077, 0.4102

Background



This preview shows how black text looks on a background with the Yxy color 84.9258, 0.3077, 0.4102.

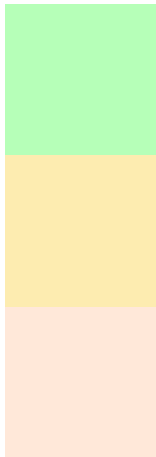


This preview shows how white text looks on a background with the Yxy color 84.9258, 0.3077, 0.4102.

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

84.9258, 0.3077, 0.4102

Protanopia

84.0081, 0.3635, 0.3898

Deuteranopia

83.9830, 0.3385, 0.3440



Tritanopia

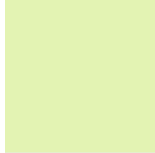
84.5731, 0.2859, 0.3154

Trichromacy



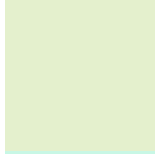
Original Color

84.9258, 0.3077, 0.4102



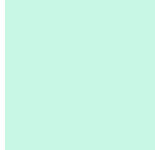
Protanomaly

83.6868, 0.3413, 0.3974



Deuteranomaly

83.2219, 0.3263, 0.3661



Tritanomaly

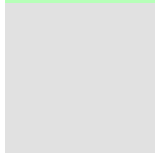
84.4580, 0.2939, 0.3485

Monochromacy



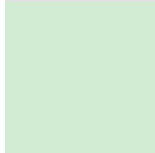
Original Color

84.9258, 0.3077, 0.4102



Achromatopsia

75.2942, 0.3127, 0.3290



Achromatomaly

78.1994, 0.3107, 0.3577

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.9258, 0.3077, 0.4102 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(182, 255, 184)` looks like.

```
.text, #text, p{  
    color:rgb(182, 255, 184)  
}
```

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(182, 255, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 255, 184) }
```

Border

The CSS property to change the border of an element to Yxy 84.9258, 0.3077, 0.4102 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(182, 255, 184) }
```

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

```
.border{ border-color:rgb(182, 255, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 255, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 255, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 255, 184);  
box-shadow:4px 4px 4px 4px rgb(182, 255,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 84.9258, 0.3077, 0.4102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 255, 184) }
```

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

```
.background{ background-color: rgb(182,  
255, 184) }
```

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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