

Converting Colors

$Yxy(85.1684, 0.3057, 0.4051)$

Have a look what the booklet for
Yxy(85.1684, 0.3057, 0.4051)
contains.

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Color

Yxy(85.0959, 0.3056, 0.4055)

Conversions

Conversions Part 1

Format	Color
Hex	B6FFBC
RGB	182, 255, 188
RGB Percent	71%, 100%, 74%
CMY	0.2862, 0.0000, 0.2627
CMYK	0.29, 0.00, 0.26, 0.00
HSL	125°, 100%, 86%
HSV	125°, 29%, 100%
XYZ	64.1315, 85.0959, 60.6269
YIQ	225.5350, -22.0010, -36.3130

Conversions

Conversions Part 2

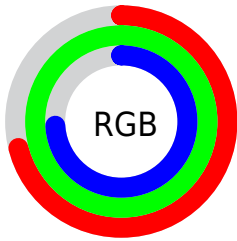
Format	Color
RYB	182, 249, 255
Decimal	11993020
CIELab	93.92, -35.27, 24.99
CIElCh	94, 43.222, 144.682
Yxy	85.0959, 0.3056, 0.4055
Android (android.graphics.Color)	4290183100 (0xFFB6FFBC)
YUV	225.5350, -18.5048, -38.1802
Hunter-Lab	92.2474, -37.3378, 25.6066

Details

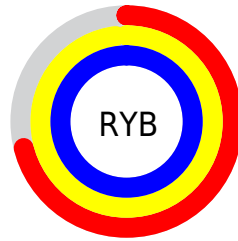
The Yxy color **85.0959, 0.3056, 0.4055** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **61.5614, 0.3206, 0.2629**, and the grayscale version is **75.8514, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4024, 0.3091, 0.3398**, and **46.6214, 0.3032, 0.4251** is the 20% darker color. If you saturate the color by 10%, you get **81.3416, 0.3031, 0.4378**, and if you desaturate by 10%, it is **89.5836, 0.3081, 0.3758**.

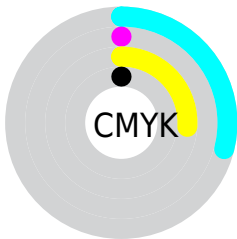
Distribution



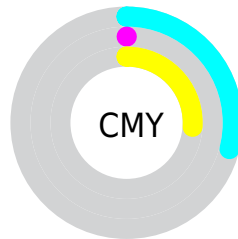
- Red (71%)
- Green (100%)
- Blue (74%)



- Red (71%)
- Yellow (98%)
- Blue (100%)



- Cyan (29%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)





- Cyan (29%)
- Magenta (0%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.0959, 0.3056, 0.4055 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 85.0959, 0.3056, 0.4055 by changing the saturation by 10% instead.

 85.0959, 0.3056,
0.4055

 85.0959, 0.3056,
0.4055

511.9453, 0.3097,
0.3694

 63.9206, 0.3045,
0.4139


 140.5072, 0.3072,
0.3928

 46.5864, 0.3029,
0.4243


175.5119, 0.3078,
0.3880

 32.7088, 0.3009,
0.4377


215.8953, 0.3082,
0.3838

 21.9035, 0.2979,
0.4552

262.0417, 0.3086,
0.3801

 13.7860, 0.2933,
0.4793

314.3355, 0.3090,
0.3769

 7.9720, 0.2857,
0.5142

373.1611, 0.3092,

 4.0770, 0.2715,

0.3741

0.5685

438.9029, 0.3095,
0.3716

1.7167, 0.2603,
0.7397

0.4345, 0.0000,
1.0000

85.0959, 0.3056,
0.4055

85.0959, 0.3056,
0.4055

81.3416, 0.3031,
0.4378

89.5836, 0.3081,
0.3758

78.2755, 0.3009,
0.4716

94.8338, 0.3106,
0.3493

75.8577, 0.2991,
0.5053

100.0000, 0.3127,
0.3290

74.0413, 0.2980,
0.5367

■ 72.7733, 0.2976,
0.5633

■ 71.9914, 0.2979,
0.5830

■ 71.6094, 0.2988,
0.5949

■ 71.5740, 0.2989,
0.5960

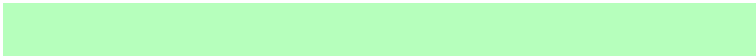
Harmonies

Analogous

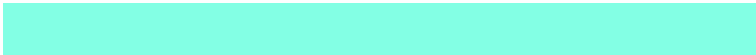
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.0959, 0.3542, 0.4187



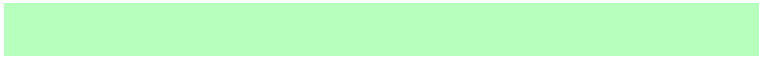
85.0959, 0.3056, 0.4055



85.0959, 0.2611, 0.3656

Triad

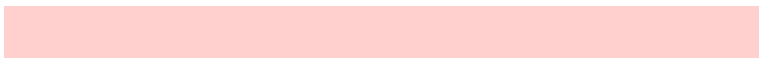
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.0959, 0.3056, 0.4055



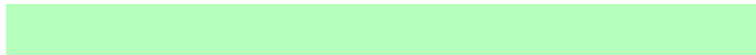
85.0959, 0.2353, 0.2539



85.0959, 0.4005, 0.3319

Complementary

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



85.0959, 0.3056, 0.4055



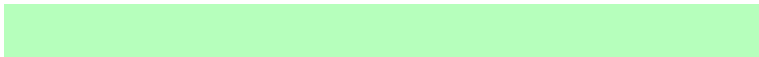
61.5614, 0.3206, 0.2629

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.



85.0959, 0.3636, 0.2947



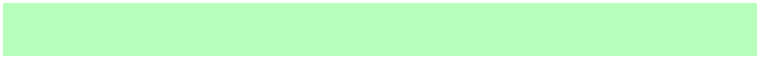
85.0959, 0.3056, 0.4055



85.0959, 0.2672, 0.2513

Square

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



85.0959, 0.3056, 0.4055



85.0959, 0.2229, 0.2759



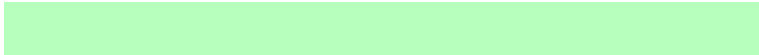
85.0959, 0.3137, 0.2661



85.0959, 0.4113, 0.3709

Rectangle

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



85.0959, 0.3056, 0.4055



85.0959, 0.2394, 0.3323



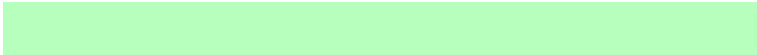
85.0959, 0.3137, 0.2661



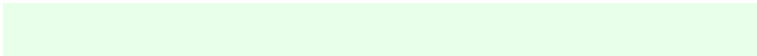
85.0959, 0.3906, 0.3189

Sweetspot

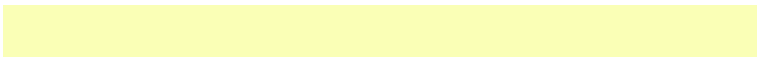
The Sweet Spot groups the original color and five complimentary colors.



85.0981, 0.3056, 0.4055



94.6210, 0.3106, 0.3502



95.2468, 0.3528, 0.4016



20.0798, 0.3102, 0.3539



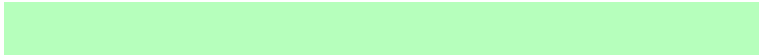
0.0000, 0.0000, 0.0000



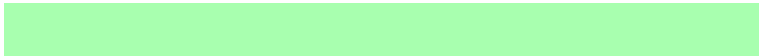
21.4041, 0.3127, 0.3290

Same Dimension

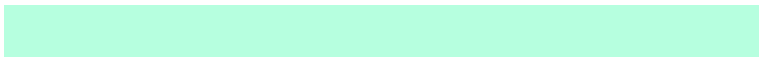
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.0981, 0.3056, 0.4055



82.9896, 0.3043, 0.4226



86.8146, 0.2869, 0.3641



20.1924, 0.3104, 0.3515



37.4073, 0.2985, 0.5948



3.6501, 0.2954, 0.5835

Inverse Universe

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



61.5614, 0.3206, 0.2629



56.1458, 0.3223, 0.2505



59.5584, 0.3489, 0.2966



18.2731, 0.3151, 0.3075



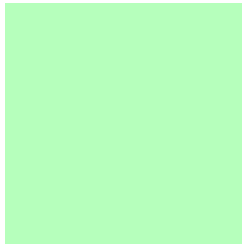
14.2251, 0.3428, 0.1662



1.3924, 0.3400, 0.1647

Previews

White Background



This preview shows how the Yxy color 85.0959, 0.3056, 0.4055 looks on a white background.

Color Contrast Check

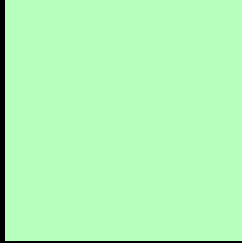
Large Text (above 18pt) WCAG AA × Fail

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 85.0959, 0.3056, 0.4055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

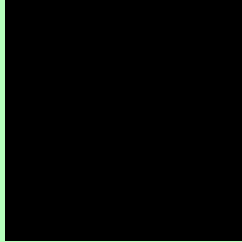
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 85.0959, 0.3056, 0.4055

Background



This preview shows how black text looks on a background with the Yxy color 85.0959, 0.3056, 0.4055.

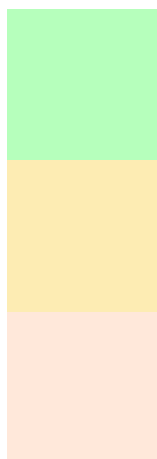


This preview shows how white text looks on a background with the Yxy color 85.0959, 0.3056, 0.4055.

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

85.0959, 0.3056, 0.4055

Protanopia

84.1282, 0.3615, 0.3868

Deuteranopia

84.0352, 0.3378, 0.3430



Tritanopia

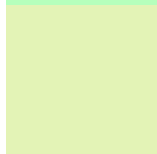
84.7213, 0.2865, 0.3154

Trichromacy



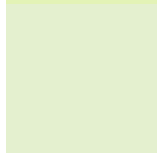
Original Color

85.0959, 0.3056, 0.4055



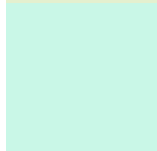
Protanomaly

83.8095, 0.3395, 0.3942



Deuteranomaly

83.3192, 0.3251, 0.3640



Tritanomaly

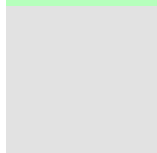
84.7086, 0.2934, 0.3462

Monochromacy



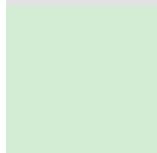
Original Color

85.0959, 0.3056, 0.4055



Achromatopsia

76.0525, 0.3127, 0.3290



Achromatomaly

79.0235, 0.3101, 0.3565

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.0959, 0.3056, 0.4055 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(182, 255, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 255, 188) }
```

Border

The CSS property to change the border of an element to Yxy 85.0959, 0.3056, 0.4055 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, 188) }
```

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

```
.border{ border-color:rgb(182, 255, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 255, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 255, 188); box-shadow:4px 4px 4px 4px rgb(182, 255, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 85.0959, 0.3056, 0.4055 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, 188) }
```

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

```
.background{ background-color: rgb(182,  
255, 188) }
```

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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