

Converting Colors

Yxy(85.2524, 0.3057, 0.4044)

Have a look what the booklet for
Yxy(85.2524, 0.3057, 0.4044)
contains.

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Color

Yxy(85.2614, 0.3057, 0.4042)

Conversions

Conversions Part 1

Format	Color
Hex	B7FFBD
RGB	183, 255, 189
RGB Percent	72%, 100%, 74%
CMY	0.2821, 0.0000, 0.2589
CMYK	0.28, 0.00, 0.26, 0.00
HSL	125°, 100%, 86%
HSV	125°, 28%, 100%
XYZ	64.4839, 85.2614, 61.1933
YIQ	225.9480, -21.7260, -35.7900

Conversions

Conversions Part 2

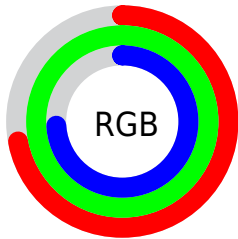
Format	Color
RYB	183, 249, 255
Decimal	12058557
CIELab	94.00, -34.77, 24.60
CIElCh	94, 42.594, 144.723
Yxy	85.2614, 0.3057, 0.4042
Android (android.graphics.Color)	4290248637 (0xFFB7FFBD)
YUV	225.9480, -18.2154, -37.6654
Hunter-Lab	92.3371, -36.9338, 25.3435

Details

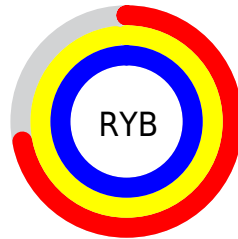
The Yxy color **85.2614, 0.3057, 0.4042** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.9977, 0.3204, 0.2638**, and the grayscale version is **76.1703, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6991, 0.3086, 0.3378**, and **46.7266, 0.3032, 0.4234** is the 20% darker color. If you saturate the color by 10%, you get **81.4793, 0.3032, 0.4364**, and if you desaturate by 10%, it is **89.7811, 0.3082, 0.3747**.

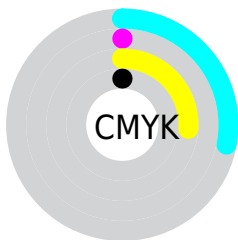
Distribution



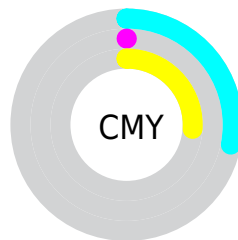
- Red (72%)
- Green (100%)
- Blue (74%)



- Red (72%)
- Yellow (98%)
- Blue (100%)



- Cyan (28%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)





- Cyan (28%)
- Magenta (0%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 85.2614, 0.3057, 0.4042 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 85.2614, 0.3057, 0.4042 by changing the saturation by 10% instead.

 85.2614, 0.3057,
0.4042

 85.2614, 0.3057,
0.4042

512.4926, 0.3097,
0.3687

 64.0574, 0.3046,
0.4124


 140.7383, 0.3073,
0.3918

 46.6972, 0.3031,
0.4227


175.7800, 0.3078,
0.3870

 32.7963, 0.3011,
0.4357


216.2031, 0.3083,
0.3829

 21.9705, 0.2982,
0.4529

262.3919, 0.3087,
0.3793

 13.8352, 0.2937,
0.4765

314.7309, 0.3090,
0.3761

 8.0061, 0.2863,
0.5107


373.6044, 0.3093,


 4.0989, 0.2727,

0.3734


0.5639


439.3969, 0.3095,
0.3709


 1.7290, 0.2651,
0.7349


 0.4423, 0.0000,
1.0000


 85.2614, 0.3057,
0.4042


 85.2614, 0.3057,
0.4042

 81.4793, 0.3032,
0.4364


 89.7811, 0.3082,
0.3747

 78.3855, 0.3010,
0.4702

 95.0634, 0.3107,
0.3483

 75.9418, 0.2992,
0.5039

99.9960, 0.3127,
0.3290

 74.1016, 0.2980,
0.5355

■ 72.8120, 0.2976,
0.5623

■ 72.0113, 0.2979,
0.5823

■ 71.6164, 0.2988,
0.5945

■ 71.5701, 0.2989,
0.5959

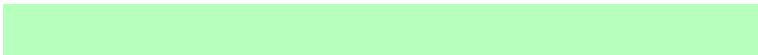
Harmonies

Analogous

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



85.2614, 0.3536, 0.4173



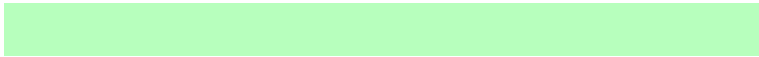
85.2614, 0.3057, 0.4042



85.2614, 0.2618, 0.3649

Triad

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



85.2614, 0.3057, 0.4042



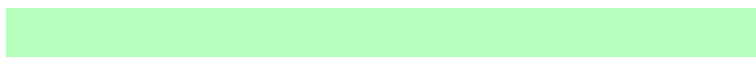
85.2614, 0.2364, 0.2550



85.2614, 0.3992, 0.3319

Complementary

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



85.2614, 0.3057, 0.4042



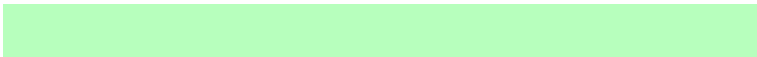
61.9977, 0.3204, 0.2638

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.



85.2614, 0.3629, 0.2953



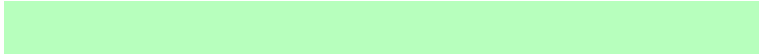
85.2614, 0.3057, 0.4042



85.2614, 0.2680, 0.2524

Square

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



85.2614, 0.3057, 0.4042



85.2614, 0.2241, 0.2767



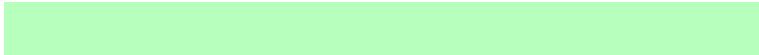
85.2614, 0.3138, 0.2670



85.2614, 0.4098, 0.3705

Rectangle

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



85.2614, 0.3057, 0.4042



85.2614, 0.2404, 0.3323



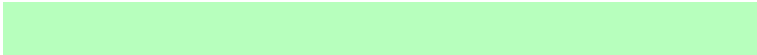
85.2614, 0.3138, 0.2670



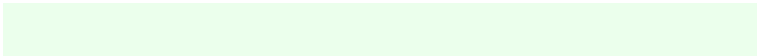
85.2614, 0.3895, 0.3192

Sweetspot

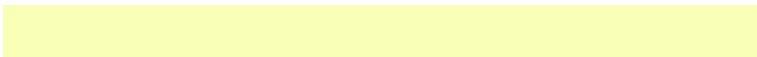
The Sweet Spot groups the original color and five complimentary colors.



85.2650, 0.3057, 0.4042



95.1865, 0.3108, 0.3478



95.2984, 0.3523, 0.4005



20.1924, 0.3104, 0.3515



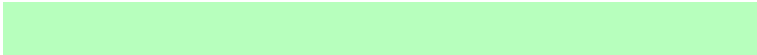
0.0000, 0.0000, 0.0000



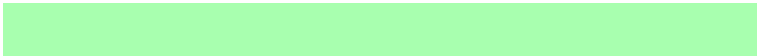
21.4041, 0.3127, 0.3290

Same Dimension

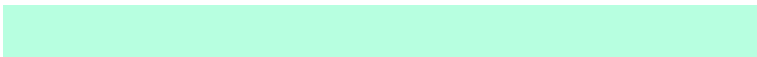
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.2650, 0.3057, 0.4042



82.9901, 0.3043, 0.4226



86.9638, 0.2873, 0.3635



20.1924, 0.3104, 0.3515



37.4074, 0.2985, 0.5948



3.6502, 0.2954, 0.5835

Inverse Universe

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



61.9977, 0.3204, 0.2638



56.1451, 0.3223, 0.2505



60.0205, 0.3482, 0.2971



18.2731, 0.3151, 0.3075



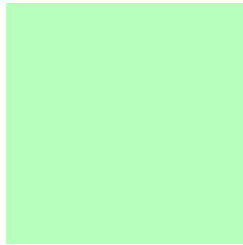
14.2241, 0.3428, 0.1662



1.3923, 0.3400, 0.1647

Previews

White Background



This preview shows how the Yxy color 85.2614, 0.3057, 0.4042 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 85.2614, 0.3057, 0.4042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

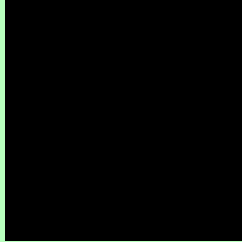
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

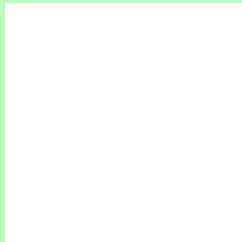
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.2614, 0.3057, 0.4042

Background



This preview shows how black text looks on a background with the Yxy color 85.2614, 0.3057, 0.4042.

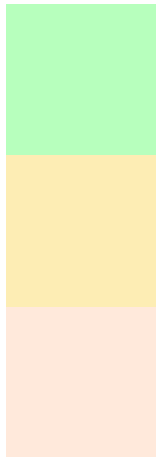


This preview shows how white text looks on a background with the Yxy color 85.2614, 0.3057, 0.4042.

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

85.2614, 0.3057, 0.4042

Protanopia

84.7463, 0.3606, 0.3867

Deuteranopia

84.6523, 0.3370, 0.3430



Tritanopia

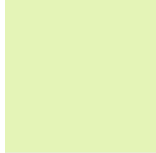
84.8704, 0.2871, 0.3155

Trichromacy



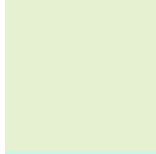
Original Color

85.2614, 0.3057, 0.4042



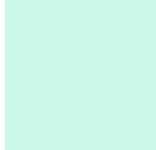
Protanomaly

84.6142, 0.3394, 0.3939



Deuteranomaly

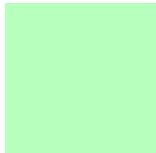
84.1227, 0.3250, 0.3638



Tritanomaly

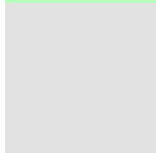
84.8476, 0.2940, 0.3462

Monochromacy



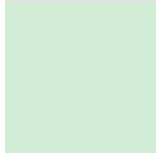
Original Color

85.2614, 0.3057, 0.4042



Achromatopsia

76.0525, 0.3127, 0.3290



Achromatomaly

79.0741, 0.3095, 0.3553

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.2614, 0.3057, 0.4042 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(183, 255, 189)` looks like.

```
.text, #text, p{  
    color:rgb(183, 255, 189)  
}
```

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(183, 255, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 255, 189) }
```

Border

The CSS property to change the border of an element to Yxy 85.2614, 0.3057, 0.4042 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(183, 255, 189) }
```

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

```
.border{ border-color:rgb(183, 255, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 255, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 255, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 255, 189);  
box-shadow:4px 4px 4px 4px rgb(183, 255,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 85.2614, 0.3057, 0.4042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 255, 189) }
```

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

```
.background{ background-color: rgb(183,  
255, 189) }
```

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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