

Converting Colors

$Yxy(86.5216, 0.2959, 0.3795)$

Have a look what the booklet for
Yxy(86.5216, 0.2959, 0.3795)
contains.

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Color

Yxy(86.4874, 0.2956, 0.3793)

Conversions

Conversions Part 1

Format	Color
Hex	B9FFD2
RGB	185, 255, 210
RGB Percent	73%, 100%, 82%
CMY	0.2745, 0.0000, 0.1764
CMYK	0.27, 0.00, 0.18, 0.00
HSL	141°, 100%, 86%
HSV	141°, 27%, 100%
XYZ	67.4023, 86.4874, 74.1288
YIQ	228.9400, -27.2750, -28.8350

Conversions

Conversions Part 2

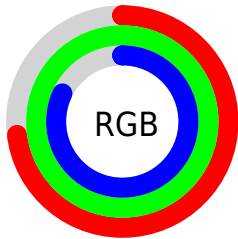
Format	Color
RYB	185, 237, 255
Decimal	12189650
CIELab	94.52, -30.50, 14.61
CIELCh	95, 33.822, 154.409
Yxy	86.4874, 0.2956, 0.3793
Android (android.graphics.Color)	4290379730 (0xFFB9FFD2)
YUV	228.9400, -9.3374, -38.5354
Hunter-Lab	92.9986, -33.3768, 17.8392

Details

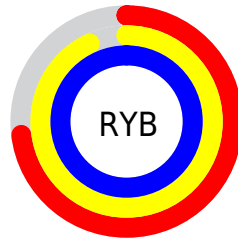
The Yxy color **86.4874, 0.2956, 0.3793** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.6695, 0.3351, 0.2836**, and the grayscale version is **78.3945, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **47.5006, 0.2915, 0.3921** is the 20% darker color. If you saturate the color by 10%, you get **82.8210, 0.2901, 0.4014**, and if you desaturate by 10%, it is **90.8085, 0.3016, 0.3592**.

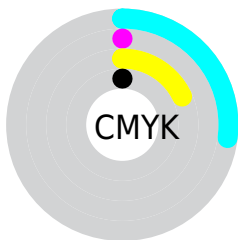
Distribution



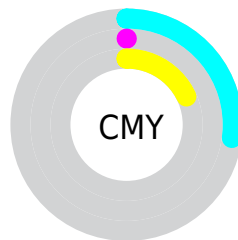
- Red (73%)
- Green (100%)
- Blue (82%)



- Red (73%)
- Yellow (93%)
- Blue (100%)



- Cyan (27%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (27%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.4874, 0.2956, 0.3793 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 86.4874, 0.2956, 0.3793 by changing the saturation by 10% instead.


 86.4874, 0.2956,
0.3793

 86.4874, 0.2956,
0.3793

516.5370, 0.3037,
0.3559

 65.0711, 0.2937,
0.3847


 142.4494, 0.2984,
0.3711

 47.5187, 0.2914,
0.3913


177.7640, 0.2995,
0.3680

 33.4459, 0.2884,
0.3998


218.4800, 0.3005,
0.3653

 22.4683, 0.2844,
0.4109

264.9820, 0.3013,
0.3629

 14.2014, 0.2789,
0.4261

317.6543, 0.3020,
0.3608

 8.2609, 0.2708,
0.4480

376.8813, 0.3026,

 4.2623, 0.2578,

0.3590

0.4824

443.0474, 0.3032,
0.3574

■ 1.8214, 0.2350,
0.5464

■ 0.5004, 0.0000,
1.0000

■ 86.4874, 0.2956,
0.3793

■ 86.4874, 0.2956,
0.3793

■ 82.8210, 0.2901,
0.4014

■ 90.8085, 0.3016,
0.3592

■ 79.7729, 0.2854,
0.4252

■ 95.8113, 0.3080,
0.3411

■ 77.3083, 0.2819,
0.4501

100.0000, 0.3127,
0.3290

■ 75.3876, 0.2800,
0.4754

■ 73.9659, 0.2798,
0.5001

■ 72.9907, 0.2814,
0.5231

■ 72.3943, 0.2847,
0.5435

■ 72.2781, 0.2856,
0.5483

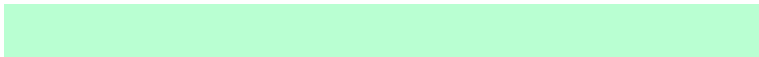
Harmonies

Analogous

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



86.4874, 0.3339, 0.3972



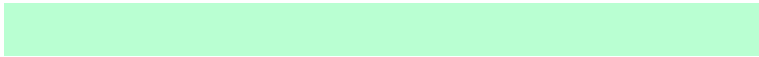
86.4874, 0.2956, 0.3793



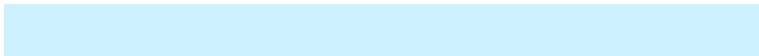
86.4874, 0.2633, 0.3452

Triad

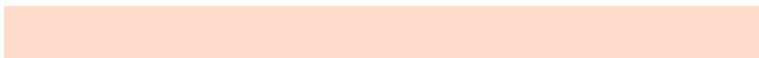
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.4874, 0.2956, 0.3793



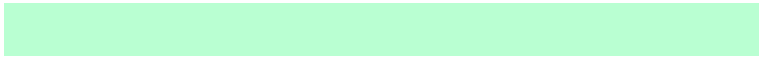
86.4874, 0.2582, 0.2673



86.4874, 0.3861, 0.3424

Complementary

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



86.4874, 0.2956, 0.3793



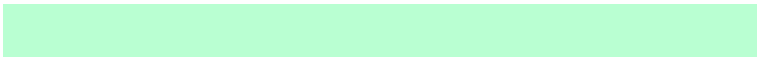
61.6695, 0.3351, 0.2836

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.



86.4874, 0.3633, 0.3114



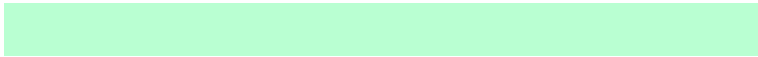
86.4874, 0.2956, 0.3793



86.4874, 0.2883, 0.2695

Square

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



86.4874, 0.2956, 0.3793



86.4874, 0.2428, 0.2805



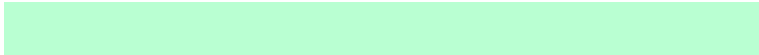
86.4874, 0.3268, 0.2854



86.4874, 0.3875, 0.3723

Rectangle

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



86.4874, 0.2956, 0.3793



86.4874, 0.2490, 0.3201



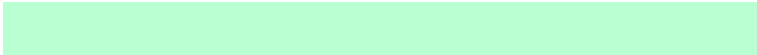
86.4874, 0.3268, 0.2854



86.4874, 0.3806, 0.3319

Sweetspot

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



86.4886, 0.2956, 0.3793



95.5185, 0.3076, 0.3421



91.9286, 0.3379, 0.4018



20.2755, 0.3067, 0.3447



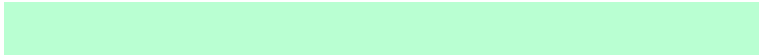
0.0000, 0.0000, 0.0000



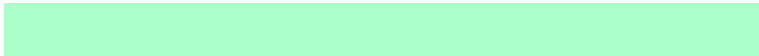
21.4041, 0.3127, 0.3290

Same Dimension

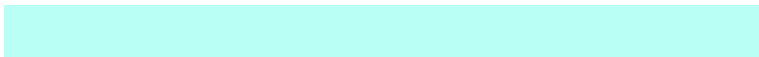
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.4886, 0.2956, 0.3793



84.3750, 0.2925, 0.3913



88.3963, 0.2778, 0.3402



20.2755, 0.3067, 0.3447



37.7927, 0.2848, 0.5452



3.6997, 0.2785, 0.5225

Inverse Universe

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



61.6695, 0.3351, 0.2836



55.7609, 0.3410, 0.2741



59.9205, 0.3638, 0.3182



18.1836, 0.3193, 0.3138



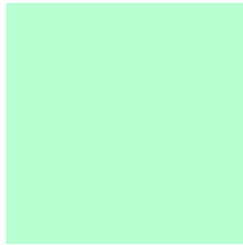
12.5358, 0.4372, 0.2182



1.2414, 0.4204, 0.2090

Previews

White Background



This preview shows how the Yxy color 86.4874, 0.2956, 0.3793 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 86.4874, 0.2956, 0.3793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

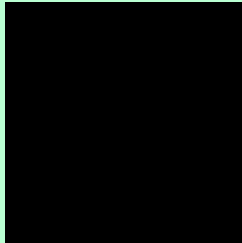
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

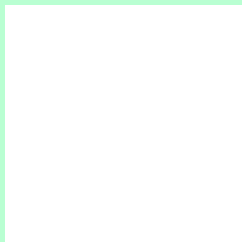
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.4874, 0.2956, 0.3793

Background



This preview shows how black text looks on a background with the Yxy color 86.4874, 0.2956, 0.3793.

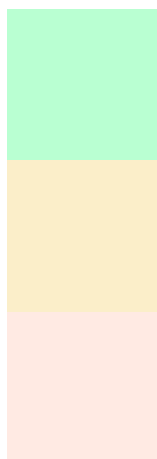


This preview shows how white text looks on a background with the Yxy color 86.4874, 0.2956, 0.3793.

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

86.4874, 0.2956, 0.3793

Protanopia

85.8753, 0.3452, 0.3664

Deuteranopia

85.6517, 0.3316, 0.3360



Tritanopia

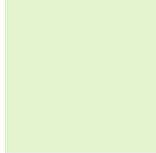
85.9201, 0.2889, 0.3166

Trichromacy



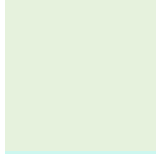
Original Color

86.4874, 0.2956, 0.3793



Protanomaly

85.3919, 0.3258, 0.3713



Deuteranomaly

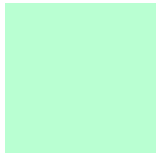
85.5477, 0.3176, 0.3509



Tritanomaly

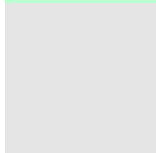
85.7327, 0.2913, 0.3375

Monochromacy



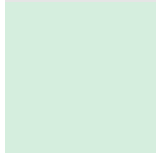
Original Color

86.4874, 0.2956, 0.3793



Achromatopsia

78.3538, 0.3127, 0.3290



Achromatomaly

80.5691, 0.3060, 0.3463

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.4874, 0.2956, 0.3793 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(185, 255, 210)` looks like.

```
.text, #text, p{  
    color:rgb(185, 255, 210)  
}
```

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(185, 255, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 255, 210) }
```

Border

The CSS property to change the border of an element to Yxy 86.4874, 0.2956, 0.3793 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(185, 255, 210) }
```

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

```
.border{ border-color:rgb(185, 255, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 255, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 255, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 255, 210);  
box-shadow:4px 4px 4px 4px rgb(185, 255,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 86.4874, 0.2956, 0.3793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 255, 210) }
```

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

```
.background{ background-color: rgb(185,  
255, 210) }
```

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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