

Converting Colors

$Yxy(86.3530, 0.2944, 0.3785)$

Have a look what the booklet for
Yxy(86.3530, 0.2944, 0.3785)
contains.

Yxy(86.4135, 0.2945, 0.3782)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(86.4135, 0.2945, 0.3782)

Conversions

Conversions Part 1

Format	Color
Hex	B8FFD3
RGB	184, 255, 211
RGB Percent	72%, 100%, 83%
CMY	0.2784, 0.0000, 0.1724
CMYK	0.28, 0.00, 0.17, 0.00
HSL	143°, 100%, 86%
HSV	143°, 28%, 100%
XYZ	67.2892, 86.4135, 74.7835
YIQ	228.7550, -28.1920, -28.7360

Conversions

Conversions Part 2

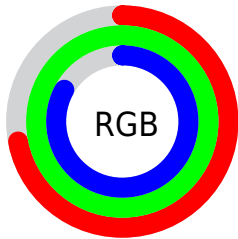
Format	Color
RYB	184, 235, 255
Decimal	12124115
CIELab	94.49, -30.62, 14.04
CIELCh	94, 33.682, 155.368
Yxy	86.4135, 0.2945, 0.3782
Android (android.graphics.Color)	4290314195 (0xFFB8FFD3)
YUV	228.7550, -8.7532, -39.2501
Hunter-Lab	92.9589, -33.4690, 17.3736

Details

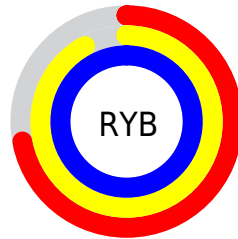
The Yxy color **86.4135, 0.2945, 0.3782** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.1432, 0.3368, 0.2845**, and the grayscale version is **78.2500, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **47.4556, 0.2902, 0.3907** is the 20% darker color. If you saturate the color by 10%, you get **82.7918, 0.2888, 0.3995**, and if you desaturate by 10%, it is **90.6858, 0.3008, 0.3588**.

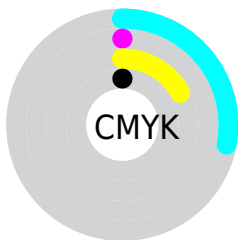
Distribution



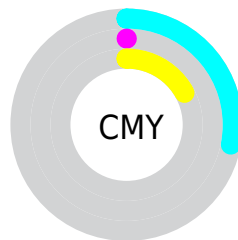
- Red (72%)
- Green (100%)
- Blue (83%)



- Red (72%)
- Yellow (92%)
- Blue (100%)



- Cyan (28%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)





- Cyan (28%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.4135, 0.2945, 0.3782 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 86.4135, 0.2945, 0.3782 by changing the saturation by 10% instead.


 86.4135, 0.2945,
0.3782

 86.4135, 0.2945,
0.3782

516.2937, 0.3031,
0.3553

 65.0100, 0.2925,
0.3835


 142.3464, 0.2975,
0.3702

 47.4692, 0.2900,
0.3900


177.6445, 0.2987,
0.3671

 33.4067, 0.2869,
0.3982


218.3429, 0.2997,
0.3645

 22.4382, 0.2827,
0.4091

264.8261, 0.3005,
0.3622

 14.1792, 0.2770,
0.4239

317.4783, 0.3013,
0.3601

 8.2454, 0.2686,
0.4453


376.6841, 0.3019,


 4.2524, 0.2552,


0.3583


0.4789


442.8278, 0.3025,
0.3567


 1.8157, 0.2314,
0.5407


 0.4969, 0.0000,
1.0000


 86.4135, 0.2945,
0.3782

 86.4135, 0.2945,
0.3782

 82.7918, 0.2888,
0.3995


 90.6858, 0.3008,
0.3588

 79.7801, 0.2839,
0.4224

 95.6312, 0.3075,
0.3413

 77.3454, 0.2803,
0.4465

100.0000, 0.3127,
0.3290

 75.4482, 0.2782,
0.4710

■ 74.0436, 0.2780,
0.4950

■ 73.0791, 0.2797,
0.5175

■ 72.4853, 0.2830,
0.5377

■ 72.3847, 0.2838,
0.5418

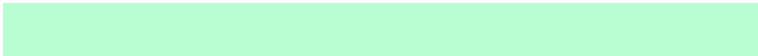
Harmonies

Analogous

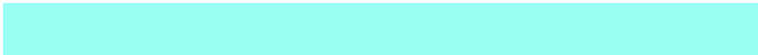
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.4135, 0.3326, 0.3967



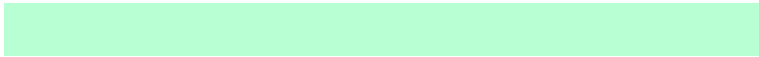
86.4135, 0.2945, 0.3782



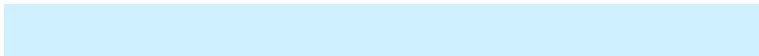
86.4135, 0.2626, 0.3440

Triad

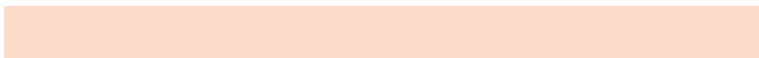
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.4135, 0.2945, 0.3782



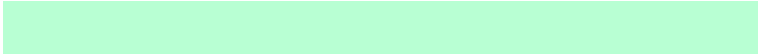
86.4135, 0.2592, 0.2673



86.4135, 0.3862, 0.3434

Complementary

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



86.4135, 0.2945, 0.3782



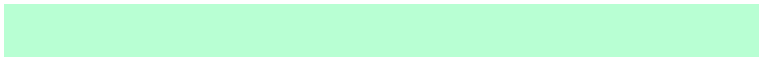
61.1432, 0.3368, 0.2845

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.



86.4135, 0.3641, 0.3124



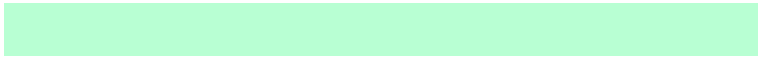
86.4135, 0.2945, 0.3782



86.4135, 0.2895, 0.2701

Square

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



86.4135, 0.2945, 0.3782



86.4135, 0.2433, 0.2800



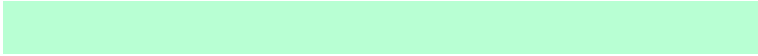
86.4135, 0.3280, 0.2862



86.4135, 0.3868, 0.3730

Rectangle

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



86.4135, 0.2945, 0.3782



86.4135, 0.2487, 0.3190



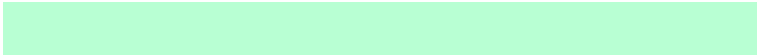
86.4135, 0.3280, 0.2862



86.4135, 0.3810, 0.3329

Sweetspot

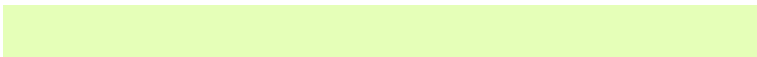
The Sweet Spot groups the original color and five complimentary colors.



86.4161, 0.2945, 0.3782



95.5470, 0.3073, 0.3416



91.6338, 0.3374, 0.4031



20.2826, 0.3063, 0.3441



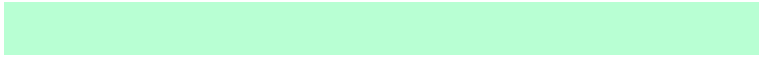
0.0000, 0.0000, 0.0000



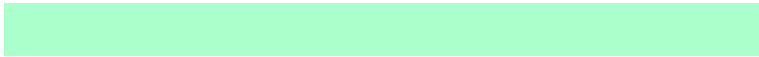
21.4041, 0.3127, 0.3290

Same Dimension

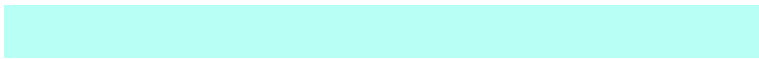
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.4161, 0.2945, 0.3782



84.4676, 0.2914, 0.3890



88.3363, 0.2768, 0.3391



20.2826, 0.3063, 0.3441



37.8494, 0.2830, 0.5387



3.7057, 0.2767, 0.5159

Inverse Universe

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



61.1432, 0.3368, 0.2845



55.6548, 0.3427, 0.2760



59.4148, 0.3657, 0.3193



18.1762, 0.3197, 0.3144



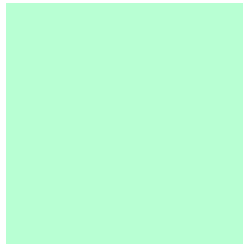
12.4271, 0.4466, 0.2234



1.2313, 0.4283, 0.2133

Previews

White Background



This preview shows how the Yxy color 86.4135, 0.2945, 0.3782 looks on a white background.

Color Contrast Check

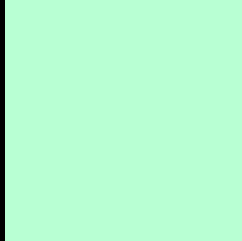
Large Text (above 18pt) WCAG AA × Fail

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 86.4135, 0.2945, 0.3782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

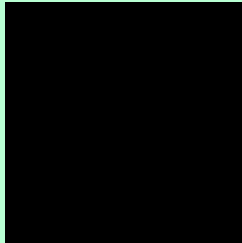
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

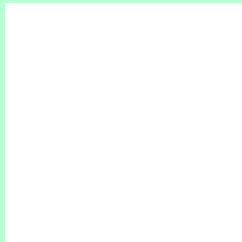
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.4135, 0.2945, 0.3782

Background



This preview shows how black text looks on a background with the Yxy color 86.4135, 0.2945, 0.3782.

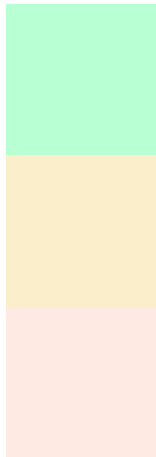


This preview shows how white text looks on a background with the Yxy color 86.4135, 0.2945, 0.3782.

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

86.4135, 0.2945, 0.3782

Protanopia

85.9226, 0.3446, 0.3654

Deuteranopia

85.6517, 0.3316, 0.3360



Tritanopia

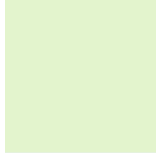
85.7683, 0.2883, 0.3166

Trichromacy



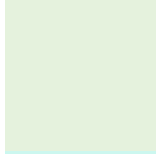
Original Color

86.4135, 0.2945, 0.3782



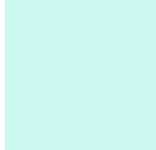
Protanomaly

85.4400, 0.3252, 0.3702



Deuteranomaly

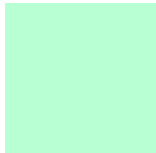
85.3827, 0.3169, 0.3509



Tritanomaly

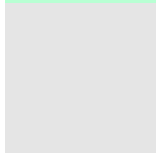
85.5909, 0.2907, 0.3375

Monochromacy



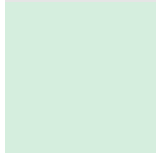
Original Color

86.4135, 0.2945, 0.3782



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 86.4135, 0.2945, 0.3782 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(184, 255, 211)` looks like.

```
.text, #text, p{  
    color:rgb(184, 255, 211)  
}
```

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(184, 255, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 255, 211) }
```

Border

The CSS property to change the border of an element to Yxy 86.4135, 0.2945, 0.3782 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(184, 255, 211) }
```

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

```
.border{ border-color:rgb(184, 255, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 255, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 255, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 255, 211);  
box-shadow:4px 4px 4px 4px rgb(184, 255,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 86.4135, 0.2945, 0.3782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 255, 211) }
```

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

```
.background{ background-color: rgb(184,  
255, 211) }
```

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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