

Converting Colors

Yxy(86.3753, 0.3168, 0.4118)

Have a look what the booklet for
Yxy(86.3753, 0.3168, 0.4118)
contains.

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Color

Yxy(86.3255, 0.3166, 0.4119)

Conversions

Conversions Part 1

Format	Color
Hex	C2FFB5
RGB	194, 255, 181
RGB Percent	76%, 100%, 71%
CMY	0.2392, 0.0000, 0.2900
CMYK	0.24, 0.00, 0.29, 0.00
HSL	109°, 100%, 85%
HSV	109°, 29%, 100%
XYZ	66.3526, 86.3255, 56.9006
YIQ	228.3250, -12.6020, -35.9460

Conversions

Conversions Part 2

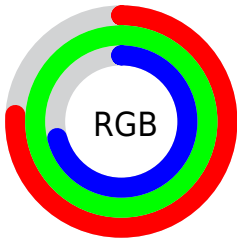
Format	Color
RYB	181, 255, 242
Decimal	12779445
CIELab	94.45, -32.53, 29.34
CIELCh	94, 43.808, 137.956
Yxy	86.3255, 0.3166, 0.4119
Android (android.graphics.Color)	4290969525 (0xFFC2FFB5)
YUV	228.3250, -23.3312, -30.1030
Hunter-Lab	92.9115, -35.1196, 28.7278

Details

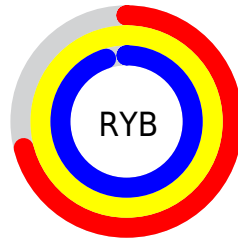
The Yxy color **86.3255, 0.3166, 0.4119** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **59.1661, 0.3061, 0.2543**, and the grayscale version is **78.0186, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3299, 0.3213, 0.3465**, and **47.4356, 0.3160, 0.4315** is the 20% darker color. If you saturate the color by 10%, you get **82.7864, 0.3172, 0.4454**, and if you desaturate by 10%, it is **90.4549, 0.3155, 0.3805**.

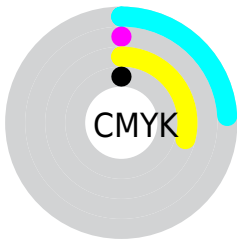
Distribution



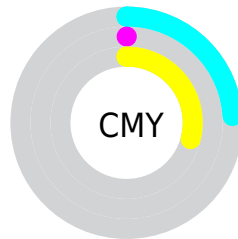
- Red (76%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (95%)



- Cyan (24%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)





- Cyan (24%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.3255, 0.3166, 0.4119 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 86.3255, 0.3166, 0.4119 by changing the saturation by 10% instead.


 86.3255, 0.3166,
0.4119

 86.3255, 0.3166,
0.4119

516.0039, 0.3159,
0.3729

 64.9372, 0.3165,
0.4209


 142.2236, 0.3166,
0.3983

 47.4101, 0.3162,
0.4321


177.5022, 0.3165,
0.3930

 33.3600, 0.3156,
0.4462


218.1797, 0.3164,
0.3885

 22.4024, 0.3144,
0.4648

264.6404, 0.3163,
0.3846

 14.1529, 0.3121,
0.4900

317.2688, 0.3162,
0.3811

 8.2271, 0.3074,
0.5259

376.4492, 0.3161,

 4.2406, 0.2969,

0.3781

0.5804

442.5661, 0.3160,
0.3754

1.8090, 0.2865,
0.7135

0.4928, 0.0000,
1.0000

86.3255, 0.3166,
0.4119

86.3255, 0.3166,
0.4119

82.7864, 0.3172,
0.4454

90.4549, 0.3155,
0.3805

79.8032, 0.3171,
0.4799

95.1922, 0.3141,
0.3520

77.3494, 0.3162,
0.5135

100.0000, 0.3127,
0.3290

75.3931, 0.3144,
0.5438

■ 73.8991, 0.3117,
0.5685

■ 72.8270, 0.3085,
0.5859

■ 72.1253, 0.3050,
0.5955

■ 72.0714, 0.3047,
0.5963

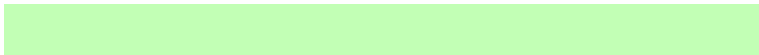
Harmonies

Analogous

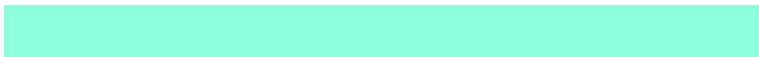
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.3255, 0.3647, 0.4183



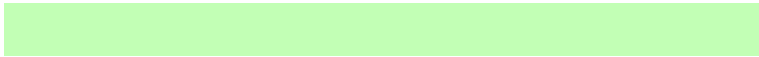
86.3255, 0.3166, 0.4119



86.3255, 0.2697, 0.3765

Triad

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



86.3255, 0.3166, 0.4119



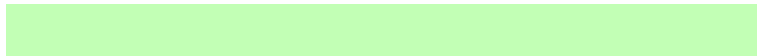
86.3255, 0.2300, 0.2565



86.3255, 0.3949, 0.3230

Complementary

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



86.3255, 0.3166, 0.4119



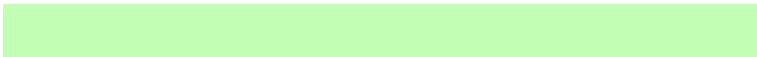
59.1661, 0.3061, 0.2543

Split Complementary

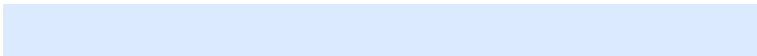
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.3255, 0.3533, 0.2870



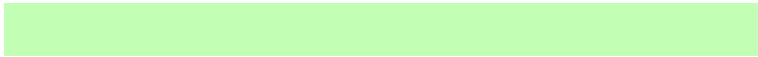
86.3255, 0.3166, 0.4119



86.3255, 0.2581, 0.2497

Square

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



86.3255, 0.3166, 0.4119



86.3255, 0.2223, 0.2830



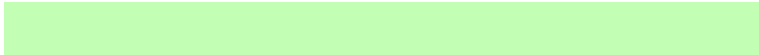
86.3255, 0.3024, 0.2609



86.3255, 0.4124, 0.3626

Rectangle

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



86.3255, 0.3166, 0.4119



86.3255, 0.2452, 0.3437



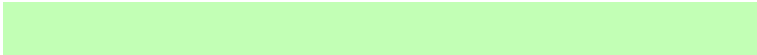
86.3255, 0.3024, 0.2609



86.3255, 0.3831, 0.3103

Sweetspot

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



86.3280, 0.3166, 0.4119



95.1946, 0.3141, 0.3520



87.7694, 0.3602, 0.3895



20.2197, 0.3144, 0.3560



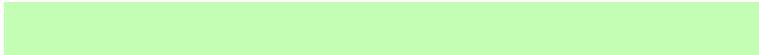
0.0000, 0.0000, 0.0000



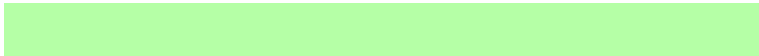
21.4041, 0.3127, 0.3290

Same Dimension

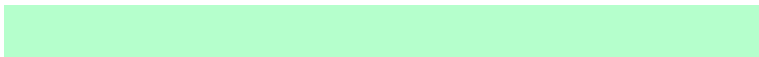
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.3280, 0.3166, 0.4119



84.1361, 0.3170, 0.4318



85.7301, 0.2963, 0.3862



20.3212, 0.3142, 0.3534



37.7030, 0.3054, 0.5957



3.7110, 0.3119, 0.5906

Inverse Universe

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



59.1661, 0.3061, 0.2543



52.8135, 0.3042, 0.2385



60.1256, 0.3343, 0.2781



18.1298, 0.3110, 0.3054



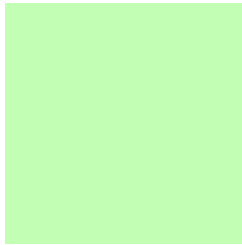
11.0129, 0.2768, 0.1299



1.1127, 0.2821, 0.1328

Previews

White Background



This preview shows how the Yxy color 86.3255, 0.3166, 0.4119 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 86.3255, 0.3166, 0.4119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

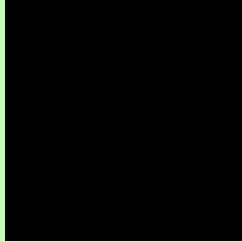
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

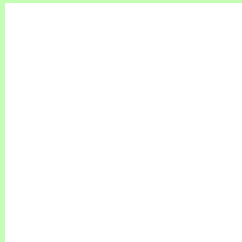
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.3255, 0.3166, 0.4119

Background



This preview shows how black text looks on a background with the Yxy color 86.3255, 0.3166, 0.4119.

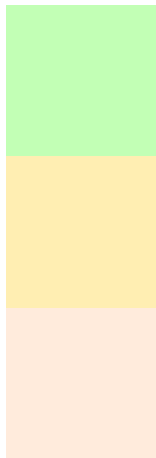


This preview shows how white text looks on a background with the Yxy color 86.3255, 0.3166, 0.4119.

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

86.3255, 0.3166, 0.4119

Protanopia

85.6234, 0.3631, 0.3894

Deuteranopia

85.8440, 0.3360, 0.3440



Tritanopia

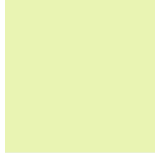
85.7843, 0.2907, 0.3156

Trichromacy



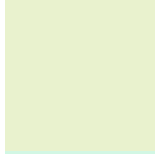
Original Color

86.3255, 0.3166, 0.4119



Protanomaly

85.2797, 0.3453, 0.3974



Deuteranomaly

85.2841, 0.3289, 0.3667



Tritanomaly

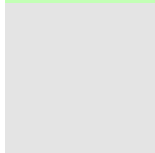
85.8246, 0.3005, 0.3492

Monochromacy



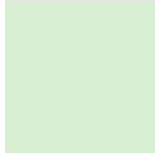
Original Color

86.3255, 0.3166, 0.4119



Achromatopsia

77.5822, 0.3127, 0.3290



Achromatomaly

80.4511, 0.3147, 0.3583

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.3255, 0.3166, 0.4119 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(194, 255, 181)` looks like.

```
.text, #text, p{  
    color:rgb(194, 255, 181)  
}
```

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(194, 255, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 255, 181) }
```

Border

The CSS property to change the border of an element to Yxy 86.3255, 0.3166, 0.4119 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(194, 255, 181) }
```

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

```
.border{ border-color:rgb(194, 255, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 255, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 255, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 255, 181);  
box-shadow:4px 4px 4px 4px rgb(194, 255,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 86.3255, 0.3166, 0.4119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 255, 181) }
```

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

```
.background{ background-color: rgb(194,  
255, 181) }
```

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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