

Converting Colors

$Yxy(86.0905, 0.2972, 0.3847)$

Have a look what the booklet for
Yxy(86.0905, 0.2972, 0.3847)
contains.

Yxy(86.1666, 0.2972, 0.3841)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(86.1666, 0.2972, 0.3841)

Conversions

Conversions Part 1

Format	Color
Hex	B8FFCE
RGB	184, 255, 206
RGB Percent	72%, 100%, 81%
CMY	0.2783, 0.0000, 0.1922
CMYK	0.28, 0.00, 0.19, 0.00
HSL	139°, 100%, 86%
HSV	139°, 28%, 100%
XYZ	66.6720, 86.1666, 71.4952
YIQ	228.1850, -26.5870, -30.2910

Conversions

Conversions Part 2

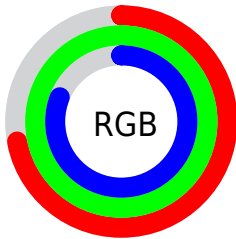
Format	Color
RYB	184, 238, 255
Decimal	12124110
CIELab	94.38, -31.53, 16.48
CIElCh	94, 35.578, 152.402
Yxy	86.1666, 0.2972, 0.3841
Android (android.graphics.Color)	4290314190 (0xFFB8FFCE)
YUV	228.1850, -10.9372, -38.7502
Hunter-Lab	92.8260, -34.2383, 19.3126

Details

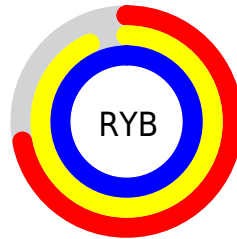
The Yxy color **86.1666, 0.2972, 0.3841** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.4436, 0.3328, 0.2797**, and the grayscale version is **77.8280, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **47.3223, 0.2928, 0.3969** is the 20% darker color. If you saturate the color by 10%, you get **82.4902, 0.2923, 0.4080**, and if you desaturate by 10%, it is **90.5137, 0.3026, 0.3623**.

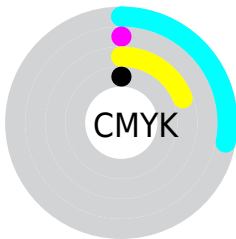
Distribution



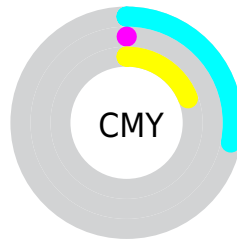
- Red (72%)
- Green (100%)
- Blue (81%)



- Red (72%)
- Yellow (93%)
- Blue (100%)



- Cyan (28%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)




- Cyan (28%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.1666, 0.2972, 0.3841 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 86.1666, 0.2972, 0.3841 by changing the saturation by 10% instead.


 86.1666, 0.2972,
0.3841

 86.1666, 0.2972,
0.3841

515.4804, 0.3047,
0.3584

 64.8057, 0.2954,
0.3900

 142.0020, 0.2998,
0.3751

 47.3036, 0.2932,
0.3974


177.2452, 0.3009,
0.3717

 33.2757, 0.2904,
0.4067


217.8848, 0.3017,
0.3687

 22.3377, 0.2865,
0.4190

264.3050, 0.3025,
0.3661

 14.1053, 0.2812,
0.4358

316.8903, 0.3031,
0.3638

 8.1939, 0.2732,
0.4602

376.0250, 0.3037,

 4.2193, 0.2602,

0.3618

0.4985

442.0936, 0.3042,
0.3600

■ 1.7970, 0.2382,
0.5755

■ 0.4853, 0.0000,
1.0000

■ 86.1666, 0.2972,
0.3841

■ 86.1666, 0.2972,
0.3841

■ 82.4902, 0.2923,
0.4080

■ 90.5137, 0.3026,
0.3623

■ 79.4402, 0.2881,
0.4337

■ 95.5521, 0.3083,
0.3427

■ 76.9834, 0.2850,
0.4605

■ 99.9999, 0.3127,
0.3290

■ 75.0793, 0.2834,
0.4874

■ 73.6819, 0.2834,
0.5133

■ 72.7374, 0.2851,
0.5368

■ 72.1750, 0.2883,
0.5568

■ 72.0821, 0.2891,
0.5607

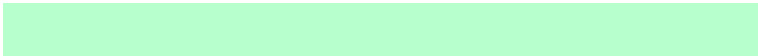
Harmonies

Analogous

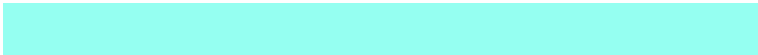
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.1666, 0.3375, 0.4014



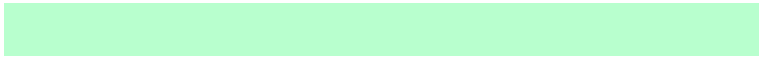
86.1666, 0.2972, 0.3841



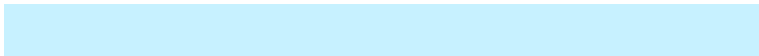
86.1666, 0.2626, 0.3487

Triad

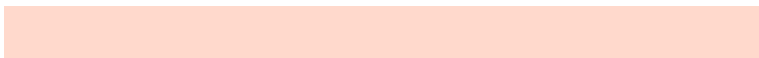
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.1666, 0.2972, 0.3841



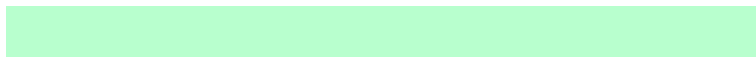
86.1666, 0.2539, 0.2646



86.1666, 0.3891, 0.3407

Complementary

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



86.1666, 0.2972, 0.3841



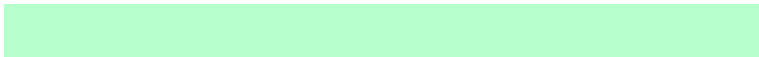
61.4436, 0.3328, 0.2797

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.



86.1666, 0.3638, 0.3083



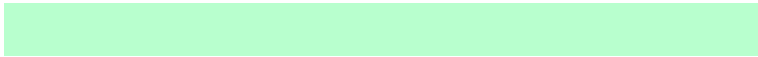
86.1666, 0.2972, 0.3841



86.1666, 0.2844, 0.2660

Square

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



86.1666, 0.2972, 0.3841



86.1666, 0.2389, 0.2794



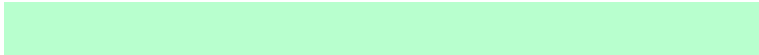
86.1666, 0.3246, 0.2818



86.1666, 0.3921, 0.3724

Rectangle

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



86.1666, 0.2972, 0.3841



86.1666, 0.2469, 0.3220



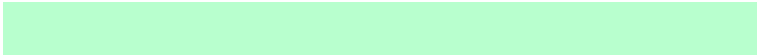
86.1666, 0.3246, 0.2818



86.1666, 0.3829, 0.3296

Sweetspot

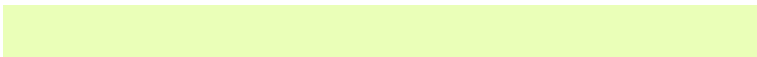
The Sweet Spot groups the original color and five complimentary colors.



86.1702, 0.2972, 0.3841



95.4595, 0.3082, 0.3431



92.4258, 0.3406, 0.4023



20.2607, 0.3073, 0.3459



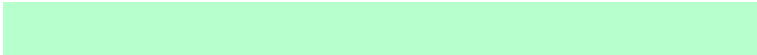
0.0000, 0.0000, 0.0000



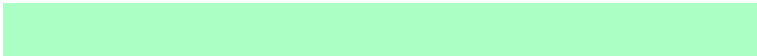
21.4041, 0.3127, 0.3290

Same Dimension

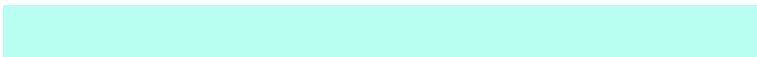
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.1702, 0.2972, 0.3841



84.1862, 0.2946, 0.3962



88.0544, 0.2791, 0.3443



20.2607, 0.3073, 0.3459



37.6879, 0.2883, 0.5578



3.6881, 0.2820, 0.5354

Inverse Universe

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



61.4436, 0.3328, 0.2797



55.9854, 0.3375, 0.2703



59.6449, 0.3616, 0.3144



18.1991, 0.3186, 0.3127



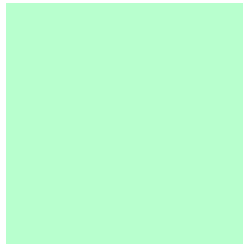
12.7780, 0.4184, 0.2078



1.2638, 0.4045, 0.2002

Previews

White Background



This preview shows how the Yxy color 86.1666, 0.2972, 0.3841 looks on a white background.

Color Contrast Check

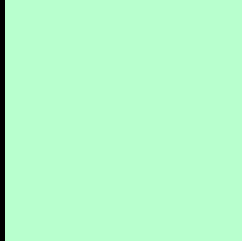
Large Text (above 18pt) WCAG AA × Fail

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 86.1666, 0.2972, 0.3841 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 86.1666, 0.2972, 0.3841

Background



This preview shows how black text looks on a background with the Yxy color 86.1666, 0.2972, 0.3841.

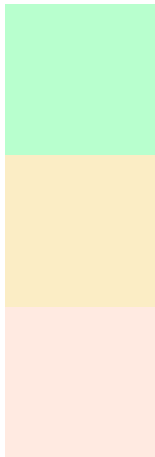


This preview shows how white text looks on a background with the Yxy color 86.1666, 0.2972, 0.3841.

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

86.1666, 0.2972, 0.3841

Protanopia

85.1088, 0.3480, 0.3696

Deuteranopia

85.5419, 0.3329, 0.3380



Tritanopia

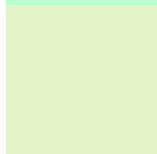
85.7683, 0.2883, 0.3166

Trichromacy



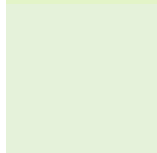
Original Color

86.1666, 0.2972, 0.3841



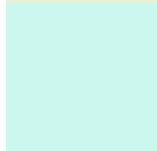
Protanomaly

85.2024, 0.3283, 0.3756



Deuteranomaly

85.2242, 0.3188, 0.3541



Tritanomaly

85.4733, 0.2918, 0.3396

Monochromacy



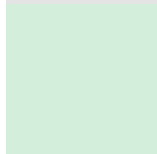
Original Color

86.1666, 0.2972, 0.3841



Achromatopsia

77.5822, 0.3127, 0.3290



Achromatomaly

80.3134, 0.3066, 0.3485

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.1666, 0.2972, 0.3841 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(184, 255, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 255, 206) }
```

Border

The CSS property to change the border of an element to Yxy 86.1666, 0.2972, 0.3841 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, 206) }
```

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

```
.border{ border-color:rgb(184, 255, 206) }
```

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, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 255, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 255, 206);  
box-shadow:4px 4px 4px 4px rgb(184, 255,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 86.1666, 0.2972, 0.3841 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, 206) }
```

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

```
.background{ background-color: rgb(184,  
255, 206) }
```

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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