

Converting Colors

$Yxy(81.9573, 0.3226, 0.4129)$

Have a look what the booklet for
Yxy(81.9573, 0.3226, 0.4129)
contains.

Yxy(81.9266, 0.3225, 0.4130)	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(81.9266, 0.3225, 0.4130)

Conversions

Conversions Part 1

Format	Color
Hex	C4F8AE
RGB	196, 248, 174
RGB Percent	77%, 97%, 68%
CMY	0.2313, 0.0274, 0.3178
CMYK	0.21, 0.00, 0.30, 0.03
HSL	102°, 84%, 83%
HSV	102°, 30%, 97%
XYZ	63.9742, 81.9266, 52.4687
YIQ	224.0160, -7.2380, -34.0380

Conversions

Conversions Part 2

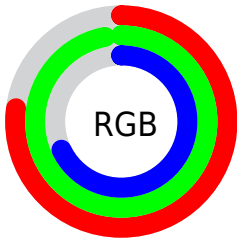
Format	Color
RYB	174, 248, 226
Decimal	12908718
CIELab	92.54, -29.67, 30.34
CIElCh	93, 42.438, 134.357
Yxy	81.9266, 0.3225, 0.4130
Android (android.graphics.Color)	4291098798 (0xFFC4F8AE)
YUV	224.0160, -24.6579, -24.5700
Hunter-Lab	90.5133, -32.2358, 28.9901

Details

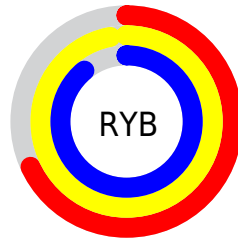
The Yxy color **81.9266, 0.3225, 0.4130** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **53.1977, 0.2987, 0.2505**, and the grayscale version is **74.7399, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1158, 0.3261, 0.3533**, and **44.3048, 0.3233, 0.4332** is the 20% darker color. If you saturate the color by 10%, you get **78.8492, 0.3248, 0.4454**, and if you desaturate by 10%, it is **85.4606, 0.3195, 0.3824**.

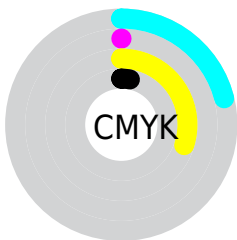
Distribution



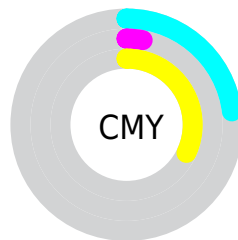
- Red (77%)
- Green (97%)
- Blue (68%)



- Red (68%)
- Yellow (97%)
- Blue (89%)



- Cyan (21%)
- Magenta (0%)
- Yellow (30%)
- Black (3%)




- Cyan (23%)
- Magenta (3%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.9266, 0.3225, 0.4130 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 81.9266, 0.3225, 0.4130 by changing the saturation by 10% instead.

 81.9266, 0.3225,
0.4130

 81.9266, 0.3225,
0.4130


501.4021, 0.3191,
0.3732

 61.3050, 0.3230,
0.4222


 136.0711, 0.3216,
0.3991

 44.4714, 0.3234,
0.4337


170.3628, 0.3211,
0.3937

 31.0413, 0.3236,
0.4483


209.9799, 0.3207,
0.3891

 20.6303, 0.3235,
0.4675

255.3070, 0.3204,
0.3851

 12.8540, 0.3224,
0.4937

306.7284, 0.3200,
0.3816

 7.3281, 0.3191,
0.5311


364.6284, 0.3197,


 3.6681, 0.3118,


0.3785

0.5920


429.3915, 0.3194,
0.3757


 1.4897, 0.2856,
0.7144


 0.2815, 0.0000,
1.0000

 81.9266, 0.3225,
0.4130


 81.9266, 0.3225,
0.4130

 78.8492, 0.3248,
0.4454


 85.4606, 0.3195,
0.3824


 76.1988, 0.3262,
0.4783

 89.4585, 0.3162,
0.3541

 73.9583, 0.3263,
0.5101

 93.9407, 0.3127,
0.3286

 72.1054, 0.3249,
0.5388

 95.6164, 0.3130,
0.3223

■ 70.6153, 0.3221,
0.5623

■ 69.4596, 0.3179,
0.5793

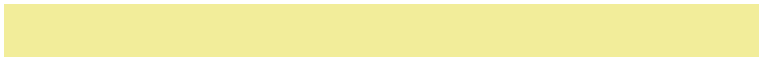
■ 68.5986, 0.3129,
0.5897

■ 68.5876, 0.3129,
0.5898

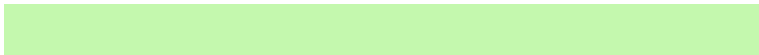
Harmonies

Analogous

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



81.9266, 0.3691, 0.4158



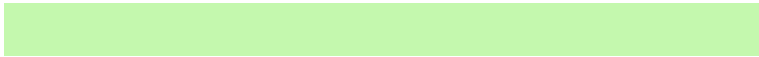
81.9266, 0.3225, 0.4130



81.9266, 0.2754, 0.3812

Triad

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



81.9266, 0.3225, 0.4130



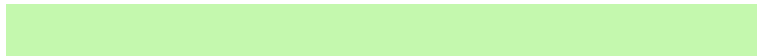
81.9266, 0.2291, 0.2596



81.9266, 0.3898, 0.3186

Complementary

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



81.9266, 0.3225, 0.4130



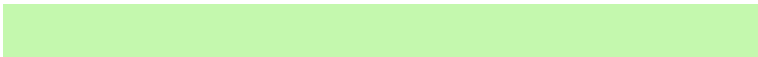
53.1977, 0.2987, 0.2505

Split Complementary

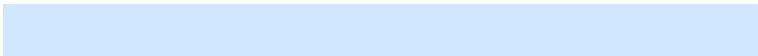
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.9266, 0.3468, 0.2839



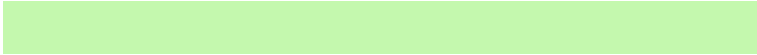
81.9266, 0.3225, 0.4130



81.9266, 0.2545, 0.2505

Square

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



81.9266, 0.3225, 0.4130



81.9266, 0.2240, 0.2882



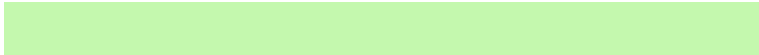
81.9266, 0.2967, 0.2596



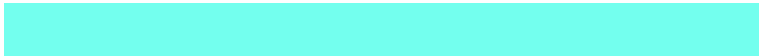
81.9266, 0.4104, 0.3576

Rectangle

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



81.9266, 0.3225, 0.4130



81.9266, 0.2500, 0.3495



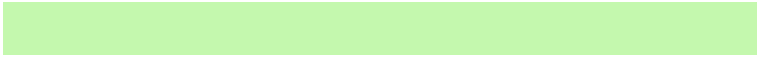
81.9266, 0.2967, 0.2596



81.9266, 0.3773, 0.3062

Sweetspot

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



81.9301, 0.3225, 0.4130



95.6801, 0.3159, 0.3519



77.2916, 0.3641, 0.3829



20.3385, 0.3164, 0.3558



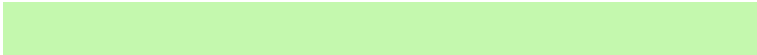
0.0000, 0.0000, 0.0000



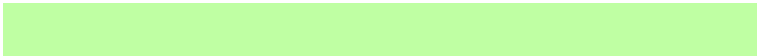
21.4041, 0.3127, 0.3290

Same Dimension

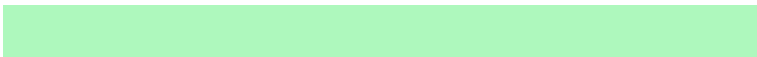
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.9301, 0.3225, 0.4130



85.1894, 0.3240, 0.4329



79.7958, 0.3006, 0.3985



19.5598, 0.3161, 0.3532



37.1132, 0.3139, 0.5890



3.4897, 0.3225, 0.5821

Inverse Universe

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



53.1977, 0.2987, 0.2505



49.9226, 0.2948, 0.2334



56.1113, 0.3279, 0.2683



17.2498, 0.3090, 0.3053



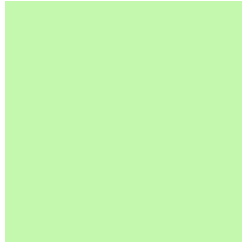
8.6058, 0.2466, 0.1132



0.8520, 0.2557, 0.1182

Previews

White Background



This preview shows how the Yxy color 81.9266, 0.3225, 0.4130 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 81.9266, 0.3225, 0.4130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

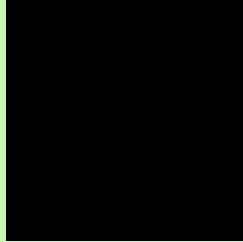
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

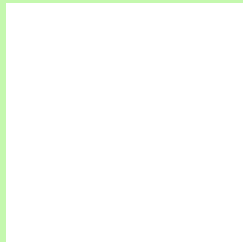
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.9266, 0.3225, 0.4130

Background



This preview shows how black text looks on a background with the Yxy color 81.9266, 0.3225, 0.4130.

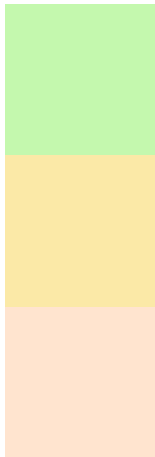


This preview shows how white text looks on a background with the Yxy color 81.9266, 0.3225, 0.4130.

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

81.9266, 0.3225, 0.4130

Protanopia

81.5771, 0.3688, 0.3964

Deuteranopia

81.2518, 0.3459, 0.3502



Tritanopia

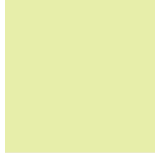
81.6373, 0.2857, 0.3101

Trichromacy



Original Color

81.9266, 0.3225, 0.4130



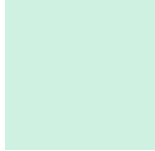
Protanomaly

81.0403, 0.3508, 0.4017



Deuteranomaly

80.8492, 0.3376, 0.3714



Tritanomaly

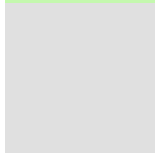
81.5234, 0.2991, 0.3453

Monochromacy



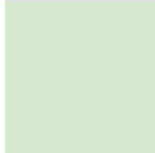
Original Color

81.9266, 0.3225, 0.4130



Achromatopsia

74.5404, 0.3127, 0.3290



Achromatomaly

77.0302, 0.3167, 0.3588

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.9266, 0.3225, 0.4130 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(196, 248, 174)` looks like.

```
.text, #text, p{  
    color:rgb(196, 248, 174)  
}
```

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(196, 248, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 248, 174) }
```

Border

The CSS property to change the border of an element to Yxy 81.9266, 0.3225, 0.4130 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(196, 248, 174) }
```

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

```
.border{ border-color:rgb(196, 248, 174) }
```

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

Here you see how a box with a 4 pixel rgb(196, 248, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 248, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 248, 174);  
box-shadow:4px 4px 4px 4px rgb(196, 248,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 81.9266, 0.3225, 0.4130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 248, 174) }
```

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

```
.background{ background-color: rgb(196,  
248, 174) }
```

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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