

Converting Colors

Yxy(82.3521, 0.3228, 0.4419)

Have a look what the booklet for
Yxy(82.3521, 0.3228, 0.4419)
contains.

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Color

Yxy(82.4409, 0.3226, 0.4425)

Conversions

Conversions Part 1

Format	Color
Hex	B5FD9B
RGB	181, 253, 155
RGB Percent	71%, 99%, 61%
CMY	0.2901, 0.0078, 0.3921
CMYK	0.28, 0.00, 0.39, 0.01
HSL	104°, 96%, 80%
HSV	104°, 39%, 99%
XYZ	60.1027, 82.4409, 43.7635
YIQ	220.3000, -11.4540, -45.7420

Conversions

Conversions Part 2

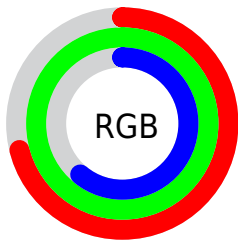
Format	Color
RYB	155, 253, 227
Decimal	11926939
CIELab	92.77, -39.67, 39.93
CIELCh	93, 56.289, 134.809
Yxy	82.4409, 0.3226, 0.4425
Android (android.graphics.Color)	4290117019 (0xFFB5FD9B)
YUV	220.3000, -32.1929, -34.4661
Hunter-Lab	90.7970, -40.7374, 34.9805

Details

The Yxy color **82.4409, 0.3226, 0.4425** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **46.8726, 0.2957, 0.2267**, and the grayscale version is **72.0320, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5239, 0.3289, 0.3746**, and **44.7991, 0.3221, 0.4716** is the 20% darker color. If you saturate the color by 10%, you get **79.5821, 0.3236, 0.4759**, and if you desaturate by 10%, it is **85.7846, 0.3207, 0.4099**.

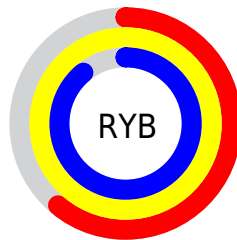
Distribution



Red (71%)

Green (99%)

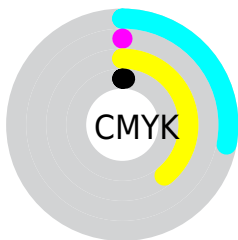
Blue (61%)



Red (61%)

Yellow (99%)

Blue (89%)

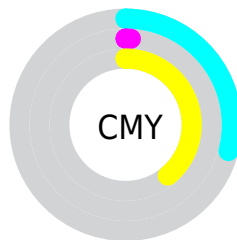


Cyan (28%)

Magenta (0%)

Yellow (39%)

Black (1%)



Cyan (29%)


Magenta (1%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.4409, 0.3226, 0.4425 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 82.4409, 0.3226, 0.4425 by changing the saturation by 10% instead.


 82.4409, 0.3226,
0.4425

 82.4409, 0.3226,
0.4425


503.1213, 0.3201,
0.3883

 61.7290, 0.3226,
0.4551


 136.7921, 0.3222,
0.4235

 44.8138, 0.3222,
0.4708


 171.2003, 0.3219,
0.4161

 31.3108, 0.3213,
0.4907


210.9426, 0.3216,
0.4098

 20.8356, 0.3192,
0.5167

256.4036, 0.3213,
0.4044

 13.0039, 0.3146,
0.5518

307.9675, 0.3210,
0.3996

 7.4312, 0.3048,
0.6005


366.0188, 0.3207,


 3.7332, 0.2965,


0.3954


430.9420, 0.3204,
0.3916


0.7035


 1.5255, 0.1974,
0.8026


 0.3066, 0.0000,
1.0000


 82.4409, 0.3226,
0.4425


 82.4409, 0.3226,
0.4425


 79.5821, 0.3236,
0.4759

 85.7846, 0.3207,
0.4099


 77.1746, 0.3236,
0.5084

 89.6240, 0.3182,
0.3793

 75.1968, 0.3222,
0.5379

 93.9826, 0.3153,
0.3512

 73.6212, 0.3194,
0.5624

 98.7308, 0.3128,
0.3271

■ 72.4162, 0.3154,
0.5801

■ 71.5416, 0.3108,
0.5908

■ 71.4489, 0.3102,
0.5919

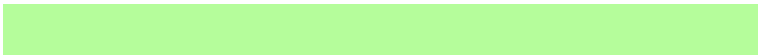
Harmonies

Analogous

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



82.4409, 0.3839, 0.4435



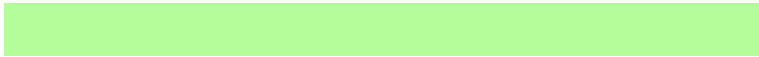
82.4409, 0.3226, 0.4425



82.4409, 0.2619, 0.3986

Triad

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



82.4409, 0.3226, 0.4425



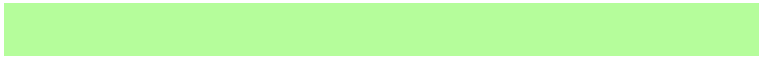
82.4409, 0.2057, 0.2381



82.4409, 0.4157, 0.3146

Complementary

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



82.4409, 0.3226, 0.4425



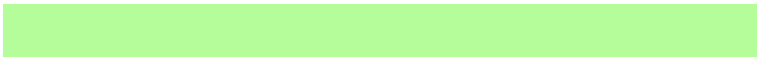
46.8726, 0.2957, 0.2267

Split Complementary

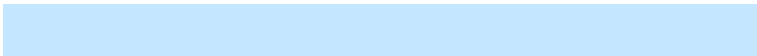
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.4409, 0.3582, 0.2712



82.4409, 0.3226, 0.4425



82.4409, 0.2376, 0.2284

Square

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



82.4409, 0.3226, 0.4425



82.4409, 0.1986, 0.2729



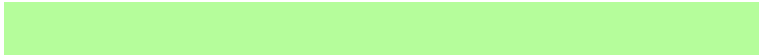
82.4409, 0.2918, 0.2406



82.4409, 0.4419, 0.3639

Rectangle

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



82.4409, 0.3226, 0.4425



82.4409, 0.2298, 0.3544



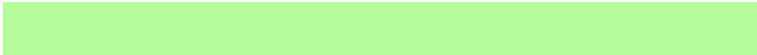
82.4409, 0.2918, 0.2406



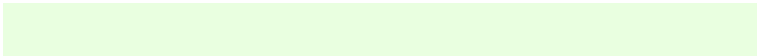
82.4409, 0.3991, 0.2992

Sweetspot

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



82.4444, 0.3226, 0.4425



94.1665, 0.3163, 0.3601



78.1185, 0.3804, 0.4023



20.0298, 0.3167, 0.3637



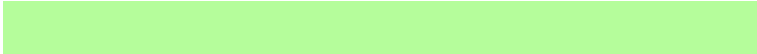
0.0000, 0.0000, 0.0000



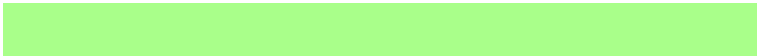
21.4041, 0.3127, 0.3290

Same Dimension

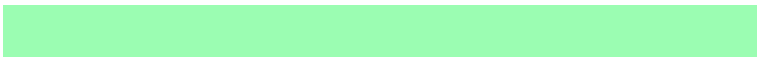
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.4444, 0.3226, 0.4425



81.7622, 0.3235, 0.4668



80.4311, 0.2956, 0.4196



20.4012, 0.3156, 0.3533



38.0681, 0.3112, 0.5911



3.7571, 0.3190, 0.5849

Inverse Universe

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



46.8726, 0.2957, 0.2267



41.1379, 0.2913, 0.2073



50.0535, 0.3365, 0.2532



18.0437, 0.3095, 0.3053



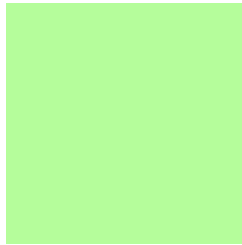
9.3915, 0.2545, 0.1175



0.9677, 0.2623, 0.1219

Previews

White Background



This preview shows how the Yxy color 82.4409, 0.3226, 0.4425 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 82.4409, 0.3226, 0.4425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

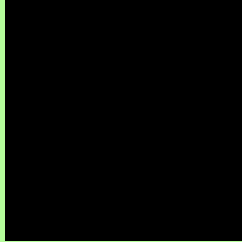
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.4409, 0.3226, 0.4425

Background



This preview shows how black text looks on a background with the Yxy color 82.4409, 0.3226, 0.4425.

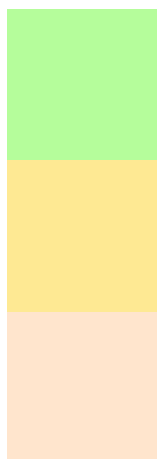


This preview shows how white text looks on a background with the Yxy color 82.4409, 0.3226, 0.4425.

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

82.4409, 0.3226, 0.4425

Protanopia

81.4552, 0.3839, 0.4154

Deuteranopia

81.7064, 0.3471, 0.3533



Tritanopia

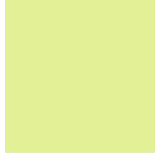
81.9321, 0.2822, 0.3121

Trichromacy



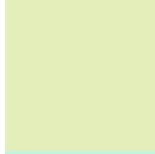
Original Color

82.4409, 0.3226, 0.4425



Protanomaly

80.8531, 0.3596, 0.4254



Deuteranomaly

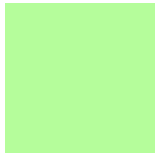
81.2309, 0.3379, 0.3837



Tritanomaly

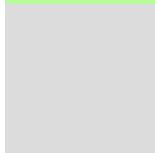
81.5516, 0.2970, 0.3567

Monochromacy



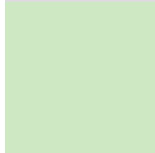
Original Color

82.4409, 0.3226, 0.4425



Achromatopsia

71.5694, 0.3127, 0.3290



Achromatomaly

74.8206, 0.3176, 0.3697

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.4409, 0.3226, 0.4425 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(181, 253, 155)` looks like.

```
.text, #text, p{  
    color:rgb(181, 253, 155)  
}
```

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(181, 253, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 253, 155) }
```

Border

The CSS property to change the border of an element to Yxy 82.4409, 0.3226, 0.4425 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(181, 253, 155) }
```

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

```
.border{ border-color:rgb(181, 253, 155) }
```

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

Here you see how a box with a 4 pixel rgb(181, 253, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 253, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 253, 155);  
box-shadow:4px 4px 4px 4px rgb(181, 253,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 82.4409, 0.3226, 0.4425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 253, 155) }
```

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

```
.background{ background-color: rgb(181,  
253, 155) }
```

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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