

Converting Colors

Yxy(82.1332, 0.3299, 0.4424)

Have a look what the booklet for
Yxy(82.1332, 0.3299, 0.4424)
contains.

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Color

Yxy(82.0802, 0.3296, 0.4423)

Conversions

Conversions Part 1

Format	Color
Hex	BDFB98
RGB	189, 251, 152
RGB Percent	74%, 98%, 60%
CMY	0.2585, 0.0157, 0.4039
CMYK	0.25, 0.00, 0.39, 0.02
HSL	98°, 93%, 79%
HSV	98°, 39%, 98%
XYZ	61.1658, 82.0802, 42.3299
YIQ	221.1760, -5.1730, -43.9330

Conversions

Conversions Part 2

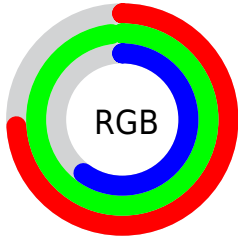
Format	Color
RYB	152, 251, 214
Decimal	12450712
CIELab	92.61, -36.47, 41.29
CIELCh	93, 55.090, 131.452
Yxy	82.0802, 0.3296, 0.4423
Android (android.graphics.Color)	4290640792 (0xFFBDFB98)
YUV	221.1760, -34.1038, -28.2184
Hunter-Lab	90.5981, -38.0354, 35.7168

Details

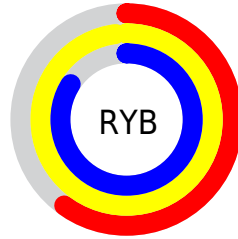
The Yxy color **82.0802, 0.3296, 0.4423** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **43.7104, 0.2864, 0.2221**, and the grayscale version is **72.6962, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7992, 0.3359, 0.3769**, and **44.5528, 0.3314, 0.4706** is the 20% darker color. If you saturate the color by 10%, you get **79.4450, 0.3321, 0.4742**, and if you desaturate by 10%, it is **85.1139, 0.3261, 0.4108**.

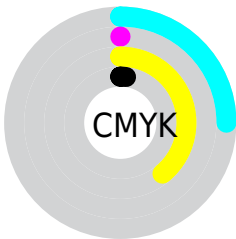
Distribution



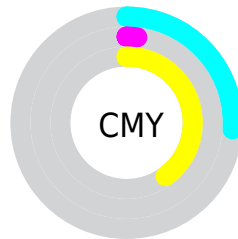
- Red (74%)
- Green (98%)
- Blue (60%)



- Red (60%)
- Yellow (98%)
- Blue (84%)



- Cyan (25%)
- Magenta (0%)
- Yellow (39%)
- Black (2%)





- Cyan (26%)
- Magenta (2%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.0802, 0.3296, 0.4423 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 82.0802, 0.3296, 0.4423 by changing the saturation by 10% instead.


 82.0802, 0.3296,
0.4423


 82.0802, 0.3296,
0.4423


501.9159, 0.3240,
0.3884

 61.4316, 0.3303,
0.4548


 136.2865, 0.3281,
0.4234

 44.5736, 0.3308,
0.4703


 170.6130, 0.3274,
0.4161

 31.1217, 0.3308,
0.4898


210.2676, 0.3267,
0.4099

 20.6915, 0.3300,
0.5153

255.6347, 0.3261,
0.4044

 12.8987, 0.3270,
0.5493

307.0986, 0.3255,
0.3997

 7.3588, 0.3192,
0.5960

365.0439, 0.3250,


 3.6875, 0.3116,


0.3955


0.6884


429.8549, 0.3244,
0.3917


 1.5003, 0.2254,
0.7746


 0.2890, 0.0000,
1.0000


 82.0802, 0.3296,
0.4423


 82.0802, 0.3296,
0.4423


 79.4450, 0.3321,
0.4742


 85.1139, 0.3261,
0.4108


 77.1796, 0.3332,
0.5050

 88.5522, 0.3218,
0.3808

 75.2682, 0.3325,
0.5328

 92.4141, 0.3172,
0.3530

 73.6888, 0.3300,
0.5559

 96.7145, 0.3124,
0.3276

■ 72.4166, 0.3258,
0.5728

■ 97.4676, 0.3129,
0.3252

■ 71.4170, 0.3204,
0.5835

■ 71.3666, 0.3201,
0.5841

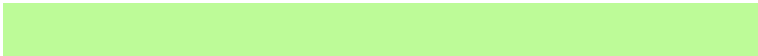
Harmonies

Analogous

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



82.0802, 0.3887, 0.4390



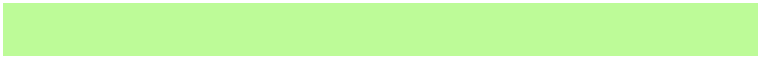
82.0802, 0.3296, 0.4423



82.0802, 0.2690, 0.4037

Triad

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



82.0802, 0.3296, 0.4423



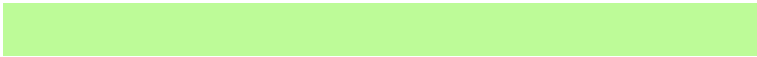
82.0802, 0.2055, 0.2424



82.0802, 0.4086, 0.3098

Complementary

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



82.0802, 0.3296, 0.4423



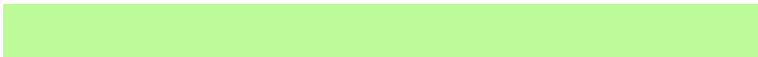
43.7104, 0.2864, 0.2221

Split Complementary

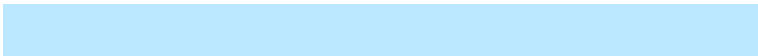
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.0802, 0.3500, 0.2681



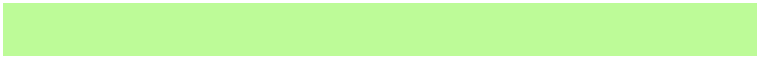
82.0802, 0.3296, 0.4423



82.0802, 0.2343, 0.2300

Square

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



82.0802, 0.3296, 0.4423



82.0802, 0.2014, 0.2795



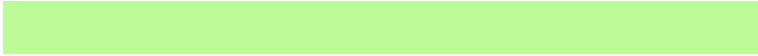
82.0802, 0.2855, 0.2398



82.0802, 0.4385, 0.3580

Rectangle

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



82.0802, 0.3296, 0.4423



82.0802, 0.2360, 0.3615



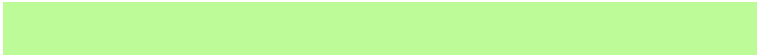
82.0802, 0.2855, 0.2398



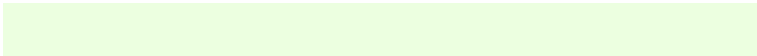
82.0802, 0.3912, 0.2948

Sweetspot

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



82.0838, 0.3296, 0.4423



94.7322, 0.3184, 0.3599



70.3877, 0.3863, 0.3926



20.1624, 0.3190, 0.3635



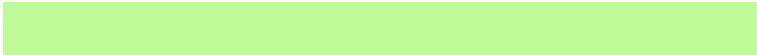
0.0000, 0.0000, 0.0000



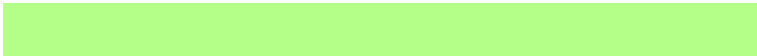
21.4041, 0.3127, 0.3290

Same Dimension

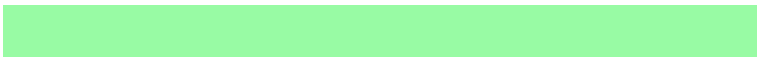
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.0838, 0.3296, 0.4423



82.9804, 0.3316, 0.4666



78.3289, 0.3012, 0.4361



19.6258, 0.3172, 0.3531



37.5931, 0.3212, 0.5832



3.5401, 0.3304, 0.5759

Inverse Universe

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



43.7104, 0.2864, 0.2221



38.3091, 0.2795, 0.2007



49.2264, 0.3269, 0.2415



17.1809, 0.3078, 0.3052



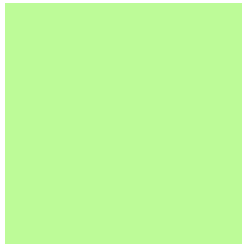
7.5153, 0.2288, 0.1034



0.7565, 0.2397, 0.1094

Previews

White Background



This preview shows how the Yxy color 82.0802, 0.3296, 0.4423 looks on a white background.

Color Contrast Check

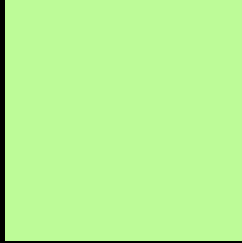
Large Text (above 18pt) WCAG AA × Fail

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 82.0802, 0.3296, 0.4423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

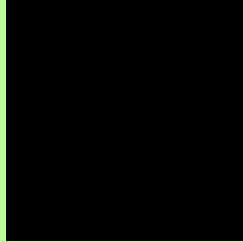
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

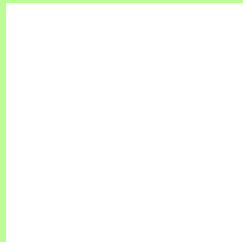
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.0802, 0.3296, 0.4423

Background



This preview shows how black text looks on a background with the Yxy color 82.0802, 0.3296, 0.4423.

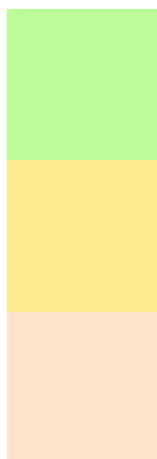


This preview shows how white text looks on a background with the Yxy color 82.0802, 0.3296, 0.4423.

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

82.0802, 0.3296, 0.4423

Protanopia

81.3930, 0.3851, 0.4173

Deuteranopia

81.0586, 0.3487, 0.3543



Tritanopia

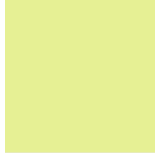
81.9244, 0.2845, 0.3111

Trichromacy



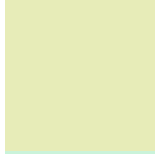
Original Color

82.0802, 0.3296, 0.4423



Protanomaly

81.2813, 0.3630, 0.4267



Deuteranomaly

80.4405, 0.3424, 0.3846



Tritanomaly

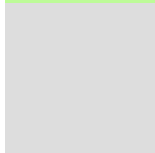
81.7197, 0.3013, 0.3565

Monochromacy



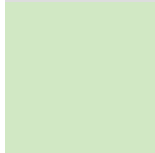
Original Color

82.0802, 0.3296, 0.4423



Achromatopsia

72.3055, 0.3127, 0.3290



Achromatomaly

75.2541, 0.3197, 0.3695

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.0802, 0.3296, 0.4423 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(189, 251, 152)` looks like.

```
.text, #text, p{  
    color:rgb(189, 251, 152)  
}
```

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(189, 251, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 251, 152) }
```

Border

The CSS property to change the border of an element to Yxy 82.0802, 0.3296, 0.4423 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(189, 251, 152) }
```

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

```
.border{ border-color:rgb(189, 251, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 251, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 251, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 251, 152);  
box-shadow:4px 4px 4px 4px rgb(189, 251,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 82.0802, 0.3296, 0.4423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 251, 152) }
```

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

```
.background{ background-color: rgb(189,  
251, 152) }
```

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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