

Converting Colors

Yxy(82.4502, 0.3388, 0.4459)

Have a look what the booklet for
Yxy(82.4502, 0.3388, 0.4459)
contains.

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Color

Yxy(82.4523, 0.3389, 0.4459)

Conversions

Conversions Part 1

Format	Color
Hex	C6FA92
RGB	198, 250, 146
RGB Percent	78%, 98%, 57%
CMY	0.2234, 0.0196, 0.4276
CMYK	0.21, 0.00, 0.42, 0.02
HSL	90°, 91%, 78%
HSV	90°, 42%, 98%
XYZ	62.6667, 82.4523, 39.7931
YIQ	222.5960, 2.3920, -43.3680

Conversions

Conversions Part 2

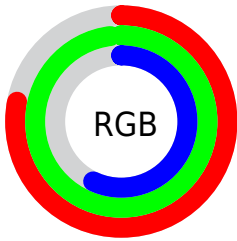
Format	Color
RYB	146, 250, 198
Decimal	13040274
CIELab	92.77, -33.67, 44.55
CIElCh	93, 55.844, 127.084
Yxy	82.4523, 0.3389, 0.4459
Android (android.graphics.Color)	4291230354 (0xFFC6FA92)
YUV	222.5960, -37.7618, -21.5707
Hunter-Lab	90.8032, -35.7162, 37.5794

Details

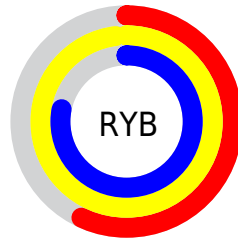
The Yxy color **82.4523, 0.3389, 0.4459** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **39.4486, 0.2737, 0.2125**, and the grayscale version is **73.7660, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9970, 0.3448, 0.3820**, and **44.6810, 0.3420, 0.4745** is the 20% darker color. If you saturate the color by 10%, you get **80.1331, 0.3431, 0.4758**, and if you desaturate by 10%, it is **85.0888, 0.3335, 0.4157**.

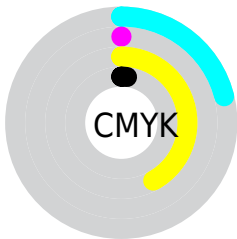
Distribution



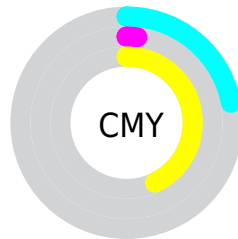
- Red (78%)
- Green (98%)
- Blue (57%)



- Red (57%)
- Yellow (98%)
- Blue (78%)



- Cyan (21%)
- Magenta (0%)
- Yellow (42%)
- Black (2%)





- Cyan (22%)
- Magenta (2%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.4523, 0.3389, 0.4459 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 82.4523, 0.3389, 0.4459 by changing the saturation by 10% instead.


 82.4523, 0.3389,
0.4459


 82.4523, 0.3389,
0.4459


503.1594, 0.3292,
0.3907

 61.7384, 0.3404,
0.4586


 136.8081, 0.3361,
0.4266

 44.8214, 0.3419,
0.4742

 171.2188, 0.3348,
0.4192

 31.3168, 0.3431,
0.4938

210.9639, 0.3337,
0.4127

 20.8402, 0.3435,
0.5190

256.4278, 0.3326,
0.4072

 13.0072, 0.3421,
0.5521

307.9949, 0.3317,
0.4023

 7.4335, 0.3360,
0.5968

366.0496, 0.3308,

 3.7347, 0.3261,

0.3979

430.9763, 0.3300,
0.3941

0.6739

1.5263, 0.2549,
0.7451

0.3071, 0.0000,
1.0000

82.4523, 0.3389,
0.4459

82.4523, 0.3389,
0.4459

80.1331, 0.3431,
0.4758

85.0888, 0.3335,
0.4157

78.1058, 0.3455,
0.5040


88.0451, 0.3273,
0.3863


76.3579, 0.3459,
0.5290

91.3375, 0.3206,
0.3586

74.8714, 0.3440,
0.5492

94.9777, 0.3138,
0.3329

 73.6251, 0.3400,
0.5637

 96.8515, 0.3129,
0.3242

 72.7397, 0.3354,
0.5719

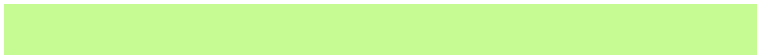
Harmonies

Analogous

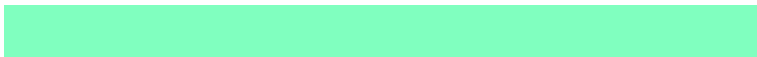
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.4523, 0.3970, 0.4367



82.4523, 0.3389, 0.4459



82.4523, 0.2768, 0.4127

Triad

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



82.4523, 0.3389, 0.4459



82.4523, 0.2022, 0.2453



82.4523, 0.4024, 0.3028

Complementary

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



82.4523, 0.3389, 0.4459



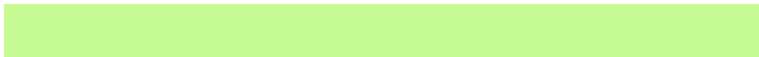
39.4486, 0.2737, 0.2125

Split Complementary

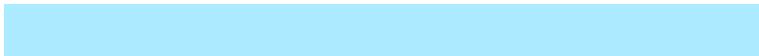
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.4523, 0.3407, 0.2623



82.4523, 0.3389, 0.4459



82.4523, 0.2277, 0.2293

Square

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



82.4523, 0.3389, 0.4459



82.4523, 0.2018, 0.2864



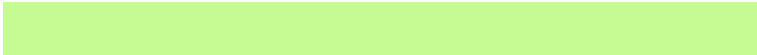
82.4523, 0.2764, 0.2362



82.4523, 0.4380, 0.3510

Rectangle

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



82.4523, 0.3389, 0.4459



82.4523, 0.2416, 0.3717



82.4523, 0.2764, 0.2362



82.4523, 0.3837, 0.2881

Sweetspot

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



82.4559, 0.3389, 0.4459



95.3987, 0.3209, 0.3597



61.9920, 0.3972, 0.3823



20.3189, 0.3218, 0.3632



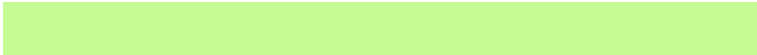
0.0000, 0.0000, 0.0000



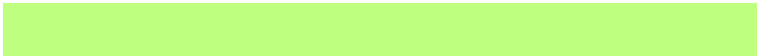
21.4041, 0.3127, 0.3290

Same Dimension

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



82.4559, 0.3389, 0.4459



84.1815, 0.3425, 0.4712



76.7143, 0.3076, 0.4579



19.7359, 0.3192, 0.3530



38.6689, 0.3366, 0.5710



3.6444, 0.3455, 0.5638

Inverse Universe

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



39.4486, 0.2737, 0.2125



33.6298, 0.2632, 0.1874



47.4562, 0.3160, 0.2261



17.0689, 0.3058, 0.3050



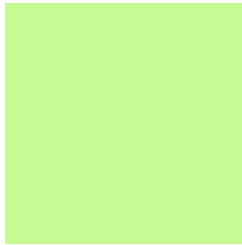
6.0549, 0.2021, 0.0887



0.6238, 0.2149, 0.0958

Previews

White Background



This preview shows how the Yxy color 82.4523, 0.3389, 0.4459 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 82.4523, 0.3389, 0.4459 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

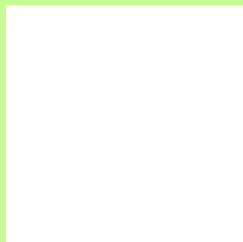
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.4523, 0.3389, 0.4459

Background



This preview shows how black text looks on a background with the Yxy color 82.4523, 0.3389, 0.4459.

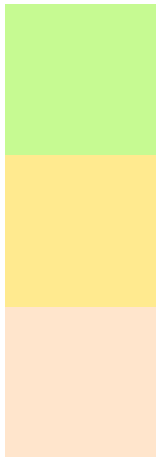


This preview shows how white text looks on a background with the Yxy color 82.4523, 0.3389, 0.4459.

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

82.4523, 0.3389, 0.4459

Protanopia

82.0888, 0.3867, 0.4198

Deuteranopia

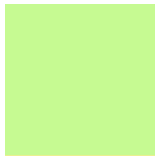
81.6583, 0.3478, 0.3543



Tritanopia

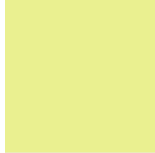
82.2354, 0.2881, 0.3103

Trichromacy



Original Color

82.4523, 0.3389, 0.4459



Protanomaly

81.8262, 0.3682, 0.4297



Deuteranomaly

81.4797, 0.3450, 0.3863



Tritanomaly

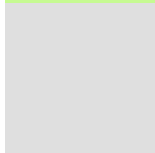
81.9659, 0.3075, 0.3584

Monochromacy



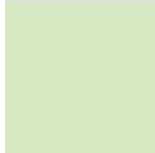
Original Color

82.4523, 0.3389, 0.4459



Achromatopsia

73.7910, 0.3127, 0.3290



Achromatomaly

76.5141, 0.3237, 0.3712

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.4523, 0.3389, 0.4459 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(198, 250, 146)` looks like.

```
.text, #text, p{  
    color:rgb(198, 250, 146)  
}
```

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(198, 250, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 250, 146) }
```

Border

The CSS property to change the border of an element to Yxy 82.4523, 0.3389, 0.4459 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(198, 250, 146) }
```

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

```
.border{ border-color:rgb(198, 250, 146) }
```

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

Here you see how a box with a 4 pixel rgb(198, 250, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 250, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 250, 146);  
box-shadow:4px 4px 4px 4px rgb(198, 250,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 82.4523, 0.3389, 0.4459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 250, 146) }
```

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

```
.background{ background-color: rgb(198,  
250, 146) }
```

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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