

Converting Colors

$Yxy(81.5877, 0.3399, 0.4742)$

Have a look what the booklet for
Yxy(81.5877, 0.3399, 0.4742)
contains.

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Color

Yxy(81.2918, 0.3396, 0.4737)

Conversions

Conversions Part 1

Format	Color
Hex	B8FC7D
RGB	184, 252, 125
RGB Percent	72%, 99%, 49%
CMY	0.2785, 0.0117, 0.5096
CMYK	0.27, 0.00, 0.50, 0.01
HSL	92°, 95%, 74%
HSV	92°, 50%, 99%
XYZ	58.2789, 81.2918, 32.0396
YIQ	217.1900, 0.2390, -53.9130

Conversions

Conversions Part 2

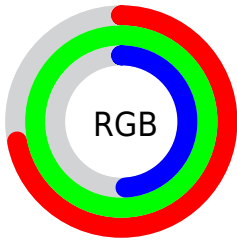
Format	Color
RYB	125, 252, 193
Decimal	12123261
CIELab	92.26, -41.87, 53.63
CIELCh	92, 68.038, 127.977
Yxy	81.2918, 0.3396, 0.4737
Android (android.graphics.Color)	4290313341 (0xFFB8FC7D)
YUV	217.1900, -45.4497, -29.1076
Hunter-Lab	90.1620, -42.4047, 42.0443

Details

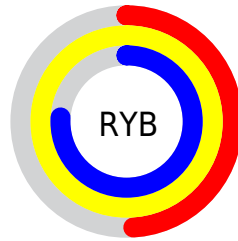
The Yxy color **81.2918, 0.3396, 0.4737** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **33.0590, 0.2666, 0.1878**, and the grayscale version is **69.8458, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6925, 0.3485, 0.4050**, and **44.0873, 0.3410, 0.5082** is the 20% darker color. If you saturate the color by 10%, you get **79.1419, 0.3417, 0.5028**, and if you desaturate by 10%, it is **83.7714, 0.3358, 0.4431**.

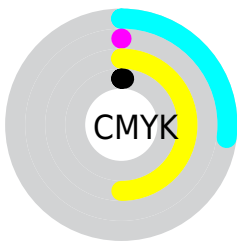
Distribution



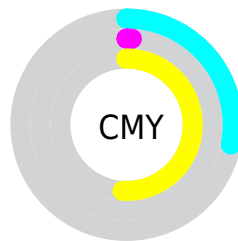
- Red (72%)
- Green (99%)
- Blue (49%)



- Red (49%)
- Yellow (99%)
- Blue (76%)



- Cyan (27%)
- Magenta (0%)
- Yellow (50%)
- Black (1%)





- Cyan (28%)
- Magenta (1%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.2918, 0.3396, 0.4737 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 81.2918, 0.3396, 0.4737 by changing the saturation by 10% instead.


 81.2918, 0.3396,
0.4737


 81.2918, 0.3396,
0.4737


499.2757, 0.3310,
0.4049


 60.7820, 0.3404,
0.4894

 135.1804, 0.3375,
0.4497

 44.0492, 0.3408,
0.5087


 169.3280, 0.3364,
0.4404

 30.7092, 0.3403,
0.5328


 208.7902, 0.3354,
0.4324

 20.3775, 0.3378,
0.5633

253.9516, 0.3344,
0.4254

 12.6698, 0.3313,
0.6023

305.1964, 0.3334,
0.4193

 7.2015, 0.3221,
0.6650

362.9091, 0.3325,

 3.5885, 0.2831,

0.4139

0.7169

427.4741, 0.3317,
0.4091

■ 1.4461, 0.1564,
0.8436

■ 0.2503, 0.0000,
1.0000

■ 81.2918, 0.3396,
0.4737

■ 81.2918, 0.3396,
0.4737

■ 79.1419, 0.3417,
0.5028

■ 83.7714, 0.3358,
0.4431

■ 77.2939, 0.3419,
0.5289


■ 86.5856, 0.3309,
0.4125


■ 75.7325, 0.3399,
0.5503


■ 89.7523, 0.3252,
0.3830

■ 74.4353, 0.3359,
0.5659

■ 93.2849, 0.3192,
0.3554

 73.4049, 0.3306,
0.5757

 97.1962, 0.3129,
0.3299

 98.1050, 0.3128,
0.3262

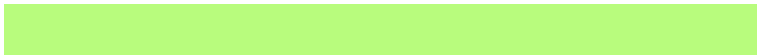
Harmonies

Analogous

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



81.2918, 0.4104, 0.4591



81.2918, 0.3396, 0.4737



81.2918, 0.2655, 0.4319

Triad

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



81.2918, 0.3396, 0.4737



81.2918, 0.1821, 0.2267



81.2918, 0.4244, 0.2979

Complementary

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



81.2918, 0.3396, 0.4737



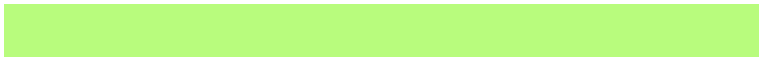
33.0590, 0.2666, 0.1878

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.



81.2918, 0.3485, 0.2507



81.2918, 0.3396, 0.4737



81.2918, 0.2123, 0.2103

Square

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



81.2918, 0.3396, 0.4737



81.2918, 0.1802, 0.2734



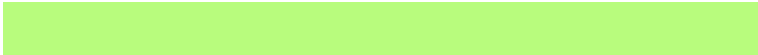
81.2918, 0.2702, 0.2196



81.2918, 0.4662, 0.3539

Rectangle

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



81.2918, 0.3396, 0.4737



81.2918, 0.2245, 0.3788



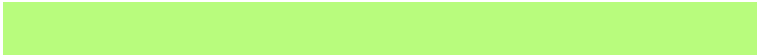
81.2918, 0.2702, 0.2196



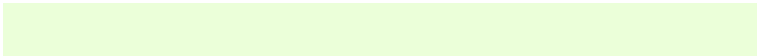
81.2918, 0.4014, 0.2808

Sweetspot

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



81.2953, 0.3396, 0.4737



94.0946, 0.3220, 0.3679



60.2146, 0.4169, 0.3993



19.9775, 0.3233, 0.3738



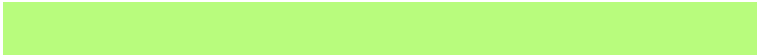
0.0000, 0.0000, 0.0000



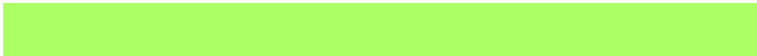
21.4041, 0.3127, 0.3290

Same Dimension

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



81.2953, 0.3396, 0.4737



81.3654, 0.3417, 0.5019



75.5821, 0.3033, 0.4851



19.7040, 0.3186, 0.3530



38.3208, 0.3318, 0.5748



3.6115, 0.3409, 0.5675

Inverse Universe

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



33.0590, 0.2666, 0.1878



26.9111, 0.2548, 0.1611



42.1420, 0.3221, 0.2108



17.1010, 0.3063, 0.3051



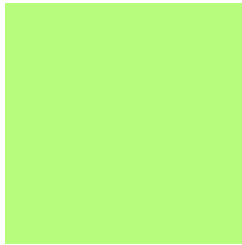
6.4344, 0.2094, 0.0927



0.6590, 0.2218, 0.0995

Previews

White Background



This preview shows how the Yxy color 81.2918, 0.3396, 0.4737 looks on a white background.

Color Contrast Check

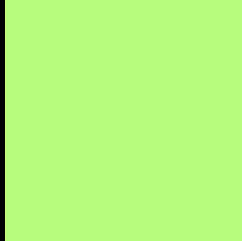
Large Text (above 18pt) WCAG AA × Fail

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 81.2918, 0.3396, 0.4737 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

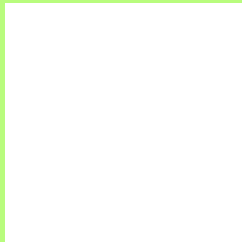
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.2918, 0.3396, 0.4737

Background



This preview shows how black text looks on a background with the Yxy color 81.2918, 0.3396, 0.4737.

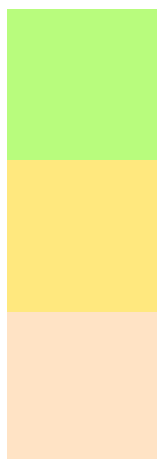


This preview shows how white text looks on a background with the Yxy color 81.2918, 0.3396, 0.4737.

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

81.2918, 0.3396, 0.4737

Protanopia

80.4796, 0.3977, 0.4333

Deuteranopia

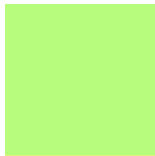
80.2294, 0.3530, 0.3595



Tritanopia

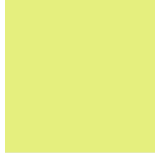
80.7675, 0.2821, 0.3099

Trichromacy



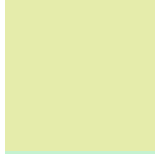
Original Color

81.2918, 0.3396, 0.4737



Protanomaly

79.8974, 0.3751, 0.4477



Deuteranomaly

79.5892, 0.3492, 0.3990



Tritanomaly

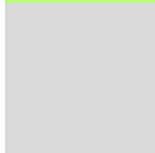
79.9286, 0.3039, 0.3671

Monochromacy



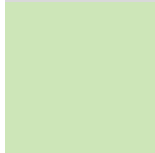
Original Color

81.2918, 0.3396, 0.4737



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

73.0335, 0.3247, 0.3817

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.2918, 0.3396, 0.4737 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, 252, 125)` looks like.

```
.text, #text, p{  
    color:rgb(184, 252, 125)  
}
```

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, 252, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 252, 125) }
```

Border

The CSS property to change the border of an element to Yxy 81.2918, 0.3396, 0.4737 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, 252, 125) }
```

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

```
.border{ border-color:rgb(184, 252, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 252, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 252, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 252, 125);  
box-shadow:4px 4px 4px 4px rgb(184, 252,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 81.2918, 0.3396, 0.4737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 252, 125) }
```

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

```
.background{ background-color: rgb(184,  
252, 125) }
```

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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