

Converting Colors

Yxy(79.4436, 0.3365, 0.4694)

Have a look what the booklet for
Yxy(79.4436, 0.3365, 0.4694)
contains.

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Color

Yxy(79.7535, 0.3367, 0.4700)

Conversions

Conversions Part 1

Format	Color
Hex	B5FA80
RGB	181, 250, 128
RGB Percent	71%, 98%, 50%
CMY	0.2903, 0.0196, 0.4981
CMYK	0.28, 0.00, 0.49, 0.02
HSL	94°, 92%, 74%
HSV	94°, 49%, 98%
XYZ	57.1340, 79.7535, 32.8007
YIQ	215.4610, -1.9620, -52.5700

Conversions

Conversions Part 2

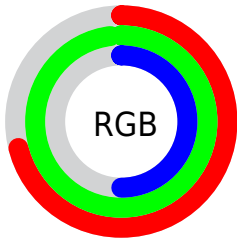
Format	Color
RYB	128, 250, 197
Decimal	11926144
CIELab	91.57, -41.70, 51.40
CIELCh	92, 66.191, 129.055
Yxy	79.7535, 0.3367, 0.4700
Android (android.graphics.Color)	4290116224 (0xFFB5FA80)
YUV	215.4610, -43.1183, -30.2223
Hunter-Lab	89.3048, -42.0855, 40.7368

Details

The Yxy color **79.7535, 0.3367, 0.4700** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **34.2119, 0.2716, 0.1936**, and the grayscale version is **68.5820, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.2896, 0.3447, 0.4025**, and **43.0079, 0.3378, 0.5045** is the 20% darker color. If you saturate the color by 10%, you get **77.5541, 0.3387, 0.5000**, and if you desaturate by 10%, it is **82.2956, 0.3332, 0.4389**.

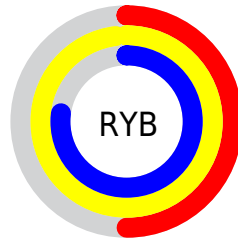
Distribution



Red (71%)

Green (98%)

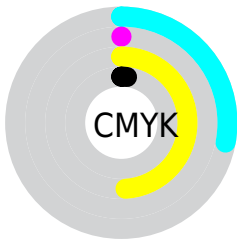
Blue (50%)



Red (50%)

Yellow (98%)

Blue (77%)

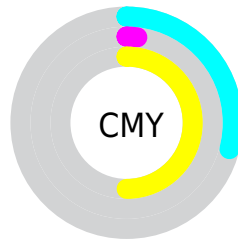


Cyan (28%)

Magenta (0%)

Yellow (49%)

Black (2%)



Cyan (29%)


Magenta (2%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.7535, 0.3367, 0.4700 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 79.7535, 0.3367, 0.4700 by changing the saturation by 10% instead.

 79.7535, 0.3367,
0.4700


 79.7535, 0.3367,
0.4700


494.1017, 0.3291,
0.4026

 59.5155, 0.3374,
0.4856


 133.0191, 0.3349,
0.4464

 43.0283, 0.3376,
0.5047

 166.8155, 0.3339,
0.4373

 29.9073, 0.3370,
0.5287


 205.9002, 0.3330,
0.4294

 19.7682, 0.3344,
0.5593

250.6576, 0.3321,
0.4226

 12.2267, 0.3278,
0.5990

301.4721, 0.3313,
0.4166

 6.8983, 0.3179,
0.6617


358.7280, 0.3305,


 3.3985, 0.2801,


0.4114


0.7199


422.8097, 0.3298,
0.4067


 1.3432, 0.1295,
0.8705

 0.1743, 0.0000,
1.0000


 79.7535, 0.3367,
0.4700


 79.7535, 0.3367,
0.4700


 77.5541, 0.3387,
0.5000

 82.2956, 0.3332,
0.4389


 75.6697, 0.3388,
0.5271


 85.1858, 0.3286,
0.4081


 74.0845, 0.3369,
0.5497


 88.4422, 0.3234,
0.3787

 72.7764, 0.3330,
0.5666

 92.0787, 0.3178,
0.3512

 71.7156, 0.3275,
0.5776

 96.1082, 0.3120,
0.3261

 71.6014, 0.3269,
0.5787

 96.8572, 0.3129,
0.3242

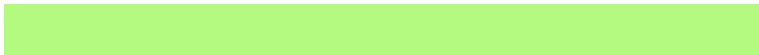
Harmonies

Analogous

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



79.7535, 0.4066, 0.4580



79.7535, 0.3367, 0.4700



79.7535, 0.2642, 0.4270

Triad

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



79.7535, 0.3367, 0.4700



79.7535, 0.1849, 0.2276



79.7535, 0.4243, 0.3005

Complementary

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



79.7535, 0.3367, 0.4700



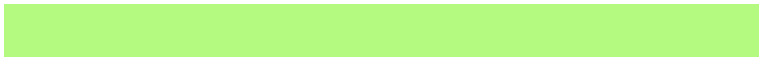
34.2119, 0.2716, 0.1936

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.



79.7535, 0.3508, 0.2535



79.7535, 0.3367, 0.4700



79.7535, 0.2157, 0.2123

Square

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



79.7535, 0.3367, 0.4700



79.7535, 0.1821, 0.2726



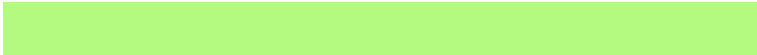
79.7535, 0.2736, 0.2223



79.7535, 0.4637, 0.3559

Rectangle

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



79.7535, 0.3367, 0.4700



79.7535, 0.2244, 0.3747



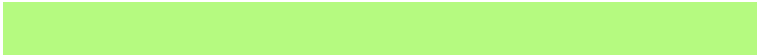
79.7535, 0.2736, 0.2223



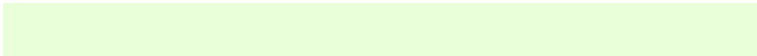
79.7535, 0.4022, 0.2836

Sweetspot

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



79.7570, 0.3367, 0.4700



93.9012, 0.3213, 0.3680



60.9598, 0.4117, 0.3992



19.9311, 0.3224, 0.3739



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.



79.7570, 0.3367, 0.4700



81.0641, 0.3387, 0.5007



74.6895, 0.3027, 0.4770



19.6778, 0.3181, 0.3531



38.0578, 0.3280, 0.5777



3.5862, 0.3373, 0.5704

Inverse Universe

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



34.2119, 0.2716, 0.1936



28.1355, 0.2600, 0.1655



42.2881, 0.3236, 0.2157



17.1275, 0.3068, 0.3051



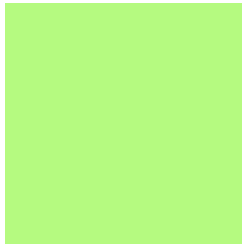
6.7716, 0.2156, 0.0961



0.6898, 0.2276, 0.1027

Previews

White Background



This preview shows how the Yxy color 79.7535, 0.3367, 0.4700 looks on a white background.

Color Contrast Check

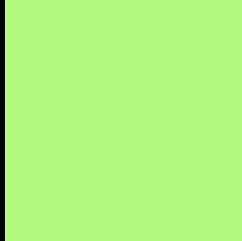
Large Text (above 18pt) WCAG AA × Fail

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 79.7535, 0.3367, 0.4700 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 79.7535, 0.3367, 0.4700

Background



This preview shows how black text looks on a background with the Yxy color 79.7535, 0.3367, 0.4700.



This preview shows how white text looks on a background with the Yxy color 79.7535, 0.3367, 0.4700.

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

79.7535, 0.3367, 0.4700

Protanopia

78.8568, 0.4001, 0.4366

Deuteranopia

78.9162, 0.3570, 0.3627



Tritanopia

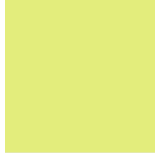
79.4903, 0.2791, 0.3087

Trichromacy



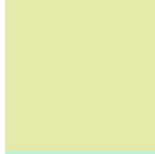
Original Color

79.7535, 0.3367, 0.4700



Protanomaly

78.3545, 0.3755, 0.4485



Deuteranomaly

78.2042, 0.3503, 0.3994



Tritanomaly

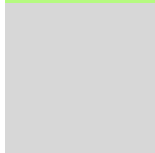
78.8515, 0.3008, 0.3652

Monochromacy



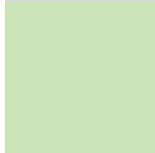
Original Color

79.7535, 0.3367, 0.4700



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

71.6022, 0.3242, 0.3810

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.7535, 0.3367, 0.4700 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, 250, 128)` looks like.

```
.text, #text, p{  
    color:rgb(181, 250, 128)  
}
```

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, 250, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 250, 128) }
```

Border

The CSS property to change the border of an element to Yxy 79.7535, 0.3367, 0.4700 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, 250, 128) }
```

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

```
.border{ border-color:rgb(181, 250, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 250, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 250, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 250, 128);  
box-shadow:4px 4px 4px 4px rgb(181, 250,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 79.7535, 0.3367, 0.4700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 250, 128) }
```

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

```
.background{ background-color: rgb(181,  
250, 128) }
```

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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