

Converting Colors

$Yxy(79.8534, 0.3214, 0.4387)$

Have a look what the booklet for
Yxy(79.8534, 0.3214, 0.4387)
contains.

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Color

Yxy(79.7354, 0.3213, 0.4382)

Conversions

Conversions Part 1

Format	Color
Hex	B3F99C
RGB	179, 249, 156
RGB Percent	70%, 98%, 61%
CMY	0.2981, 0.0235, 0.3882
CMYK	0.28, 0.00, 0.37, 0.02
HSL	105°, 89%, 79%
HSV	105°, 37%, 98%
XYZ	58.4641, 79.7354, 43.7617
YIQ	217.4680, -11.8670, -43.7630

Conversions

Conversions Part 2

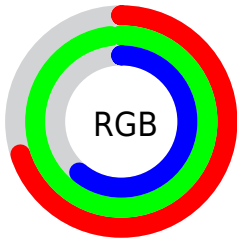
Format	Color
RYB	156, 249, 226
Decimal	11794844
CIELab	91.57, -38.42, 37.86
CIELCh	92, 53.941, 135.419
Yxy	79.7354, 0.3213, 0.4382
Android (android.graphics.Color)	4289984924 (0xFFB3F99C)
YUV	217.4680, -30.3037, -33.7364
Hunter-Lab	89.2947, -39.3959, 33.4493

Details

The Yxy color **79.7354, 0.3213, 0.4382** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **46.7910, 0.2979, 0.2309**, and the grayscale version is **69.9440, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0560, 0.3263, 0.3738**, and **42.9636, 0.3214, 0.4663** is the 20% darker color. If you saturate the color by 10%, you get **76.8960, 0.3222, 0.4717**, and if you desaturate by 10%, it is **83.0582, 0.3196, 0.4057**.

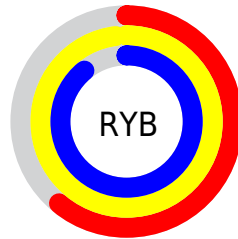
Distribution



Red (70%)

Green (98%)

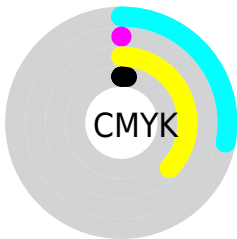
Blue (61%)



Red (61%)

Yellow (98%)

Blue (89%)

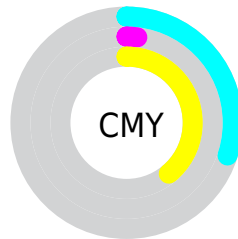


Cyan (28%)

Magenta (0%)

Yellow (37%)

Black (2%)



Cyan (30%)


Magenta (2%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.7354, 0.3213, 0.4382 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 79.7354, 0.3213, 0.4382 by changing the saturation by 10% instead.


 79.7354, 0.3213,
0.4382


 79.7354, 0.3213,
0.4382

494.0407, 0.3192,
0.3858

 59.5006, 0.3212,
0.4505


 132.9937, 0.3210,
0.4197

 43.0163, 0.3209,
0.4658


 166.7859, 0.3208,
0.4126

 29.8979, 0.3199,
0.4854


205.8662, 0.3205,
0.4065

 19.7611, 0.3178,
0.5111

250.6188, 0.3202,
0.4013

 12.2215, 0.3133,
0.5460

301.4281, 0.3200,
0.3967

 6.8947, 0.3036,
0.5953


358.6786, 0.3197,


 3.3963, 0.2966,

0.3926

0.7034

422.7547, 0.3195,
0.3890


 1.3420, 0.1722,
0.8278


 0.1734, 0.0000,
1.0000


 79.7354, 0.3213,
0.4382

 79.7354, 0.3213,
0.4382


 76.8960, 0.3222,
0.4717

 83.0582, 0.3196,
0.4057


 74.5070, 0.3221,
0.5047

 86.8755, 0.3173,
0.3753

 72.5470, 0.3208,
0.5350

 91.2104, 0.3147,
0.3475

 70.9887, 0.3182,
0.5604

 96.0428, 0.3123,
0.3233

■ 69.8009, 0.3145,
0.5792

■ 96.2365, 0.3130,
0.3233

■ 68.9466, 0.3101,
0.5906

■ 68.7655, 0.3090,
0.5929

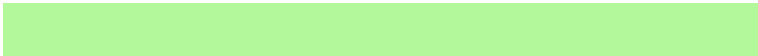
Harmonies

Analogous

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



79.7354, 0.3809, 0.4404



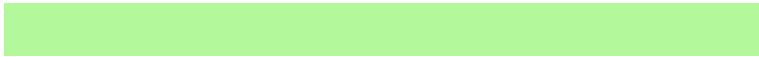
79.7354, 0.3213, 0.4382



79.7354, 0.2624, 0.3951

Triad

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



79.7354, 0.3213, 0.4382



79.7354, 0.2089, 0.2403



79.7354, 0.4134, 0.3162

Complementary

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



79.7354, 0.3213, 0.4382



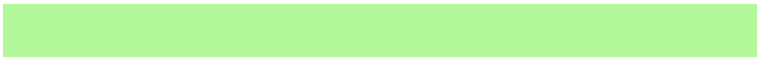
46.7910, 0.2979, 0.2309

Split Complementary

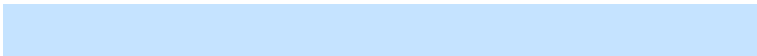
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.7354, 0.3581, 0.2736



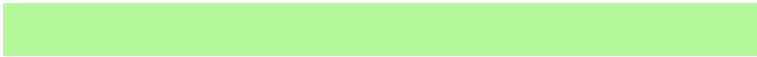
79.7354, 0.3213, 0.4382



79.7354, 0.2407, 0.2311

Square

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



79.7354, 0.3213, 0.4382



79.7354, 0.2016, 0.2739



79.7354, 0.2938, 0.2434



79.7354, 0.4381, 0.3642

Rectangle

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



79.7354, 0.3213, 0.4382



79.7354, 0.2315, 0.3524



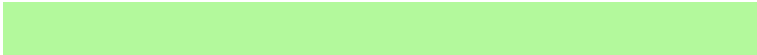
79.7354, 0.2938, 0.2434



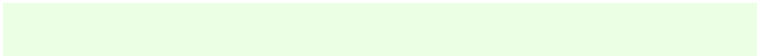
79.7354, 0.3975, 0.3010

Sweetspot

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



79.7388, 0.3213, 0.4382



94.5356, 0.3157, 0.3574



76.8023, 0.3771, 0.4011



20.1005, 0.3161, 0.3611



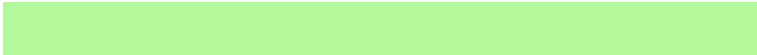
0.0000, 0.0000, 0.0000



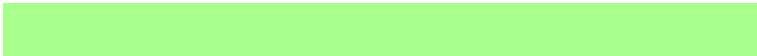
21.4041, 0.3127, 0.3290

Same Dimension

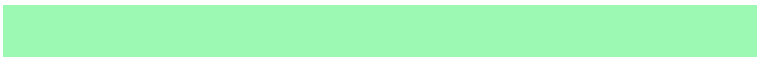
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.7388, 0.3213, 0.4382



81.8122, 0.3221, 0.4640



78.0897, 0.2954, 0.4137



19.5163, 0.3153, 0.3533



36.8618, 0.3099, 0.5922



3.4615, 0.3179, 0.5858

Inverse Universe

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



46.7910, 0.2979, 0.2309



42.3225, 0.2937, 0.2105



49.3968, 0.3368, 0.2573



17.2959, 0.3098, 0.3053



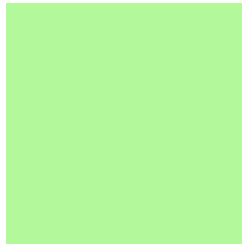
9.4182, 0.2590, 0.1200



0.9217, 0.2667, 0.1243

Previews

White Background



This preview shows how the Yxy color 79.7354, 0.3213, 0.4382 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 79.7354, 0.3213, 0.4382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

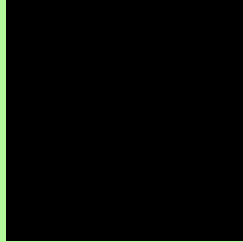
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.7354, 0.3213, 0.4382

Background



This preview shows how black text looks on a background with the Yxy color 79.7354, 0.3213, 0.4382.

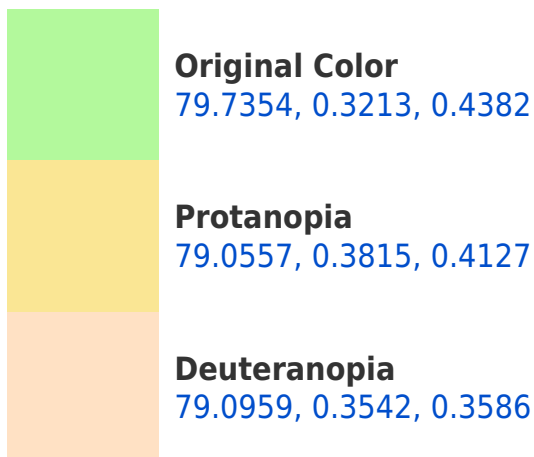


This preview shows how white text looks on a background with the Yxy color 79.7354, 0.3213, 0.4382.

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





Tritanopia

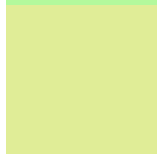
79.6587, 0.2774, 0.3097

Trichromacy



Original Color

79.7354, 0.3213, 0.4382



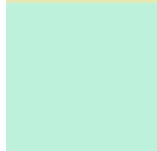
Protanomaly

78.6500, 0.3577, 0.4224



Deuteranomaly

78.5127, 0.3418, 0.3864



Tritanomaly

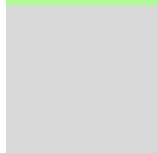
78.9722, 0.2933, 0.3537

Monochromacy



Original Color

79.7354, 0.3213, 0.4382



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

72.6753, 0.3164, 0.3679

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.7354, 0.3213, 0.4382 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(179, 249, 156)` looks like.

```
.text, #text, p{  
    color:rgb(179, 249, 156)  
}
```

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(179, 249, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 249, 156) }
```

Border

The CSS property to change the border of an element to Yxy 79.7354, 0.3213, 0.4382 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(179, 249, 156) }
```

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

```
.border{ border-color:rgb(179, 249, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 249, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 249, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 249, 156);  
box-shadow:4px 4px 4px 4px rgb(179, 249,  
156) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 79.7354, 0.3213, 0.4382$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 249, 156) }
```

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

```
.background{ background-color: rgb(179,  
249, 156) }
```

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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