

Converting Colors

$Yxy(79.4680, 0.3152, 0.4305)$

Have a look what the booklet for
Yxy(79.4680, 0.3152, 0.4305)
contains.

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Color

Yxy(79.5097, 0.3151, 0.4307)

Conversions

Conversions Part 1

Format	Color
Hex	AFF9A3
RGB	175, 249, 163
RGB Percent	69%, 98%, 64%
CMY	0.3136, 0.0235, 0.3608
CMYK	0.30, 0.00, 0.35, 0.02
HSL	112°, 88%, 81%
HSV	112°, 35%, 98%
XYZ	58.1693, 79.5097, 46.9268
YIQ	217.0700, -16.4980, -42.4340

Conversions

Conversions Part 2

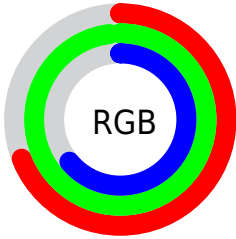
Format	Color
RYB	163, 249, 237
Decimal	11532707
CIELab	91.46, -38.70, 34.21
CIElCh	91, 51.653, 138.521
Yxy	79.5097, 0.3151, 0.4307
Android (android.graphics.Color)	4289722787 (0xFFAFF9A3)
YUV	217.0700, -26.6565, -36.8954
Hunter-Lab	89.1682, -39.5991, 31.2150

Details

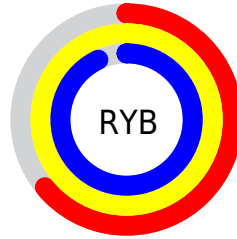
The Yxy color **79.5097, 0.3151, 0.4307** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **51.0304, 0.3069, 0.2405**, and the grayscale version is **69.6381, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7903, 0.3191, 0.3658**, and **42.8181, 0.3139, 0.4570** is the 20% darker color. If you saturate the color by 10%, you get **76.4215, 0.3149, 0.4653**, and if you desaturate by 10%, it is **83.1734, 0.3148, 0.3978**.

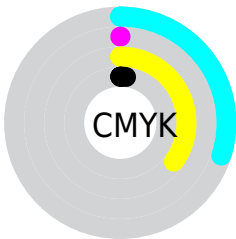
Distribution



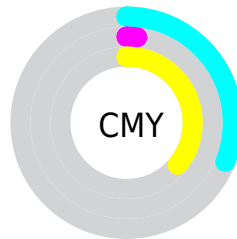
- Red (69%)
- Green (98%)
- Blue (64%)



- Red (64%)
- Yellow (98%)
- Blue (93%)



- Cyan (30%)
- Magenta (0%)
- Yellow (35%)
- Black (2%)




- Cyan (31%)
- Magenta (2%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.5097, 0.3151, 0.4307 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 79.5097, 0.3151, 0.4307 by changing the saturation by 10% instead.

 79.5097, 0.3151,
0.4307

 79.5097, 0.3151,
0.4307


493.2790, 0.3156,
0.3818

 59.3150, 0.3145,
0.4422


 132.6762, 0.3156,
0.4134

 42.8667, 0.3136,
0.4566


 166.4167, 0.3157,
0.4068

 29.7806, 0.3120,
0.4751


205.4413, 0.3158,
0.4011

 19.6721, 0.3093,
0.4994

250.1343, 0.3158,
0.3962

 12.1569, 0.3043,
0.5329

300.8802, 0.3158,
0.3919

 6.8506, 0.2944,
0.5810


358.0634, 0.3157,


 3.3689, 0.2831,

0.3882

0.6776


422.0682, 0.3157,
0.3848


 1.3272, 0.1647,
0.8353


 0.1621, 0.0000,
1.0000


 79.5097, 0.3151,
0.4307

 79.5097, 0.3151,
0.4307

 76.4215, 0.3149,
0.4653


 83.1734, 0.3148,
0.3978


 73.8698, 0.3141,
0.4999

 87.4293, 0.3141,
0.3675

 71.8265, 0.3126,
0.5323

 92.3057, 0.3132,
0.3403

 70.2570, 0.3104,
0.5600

 96.2320, 0.3130,
0.3233

■ 69.1221, 0.3076,
0.5807

■ 68.3758, 0.3046,
0.5934

■ 68.1065, 0.3032,
0.5975

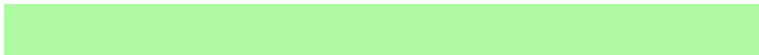
Harmonies

Analogous

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



79.5097, 0.3731, 0.4373



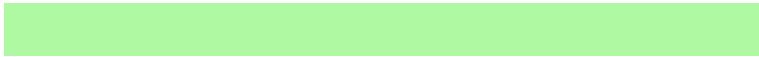
79.5097, 0.3151, 0.4307



79.5097, 0.2594, 0.3862

Triad

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



79.5097, 0.3151, 0.4307



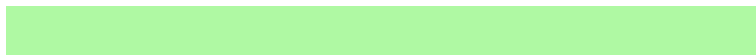
79.5097, 0.2149, 0.2418



79.5097, 0.4133, 0.3216

Complementary

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



79.5097, 0.3151, 0.4307



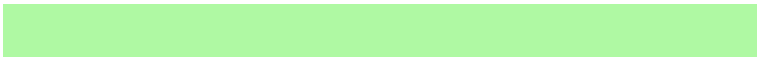
51.0304, 0.3069, 0.2405

Split Complementary

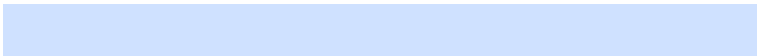
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.5097, 0.3626, 0.2795



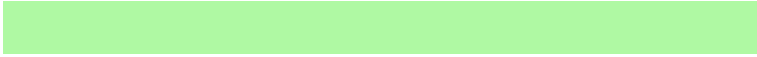
79.5097, 0.3151, 0.4307



79.5097, 0.2479, 0.2350

Square

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



79.5097, 0.3151, 0.4307



79.5097, 0.2053, 0.2718



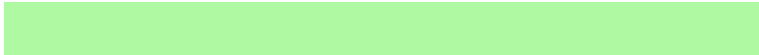
79.5097, 0.3008, 0.2488



79.5097, 0.4333, 0.3682

Rectangle

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



79.5097, 0.3151, 0.4307



79.5097, 0.2309, 0.3450



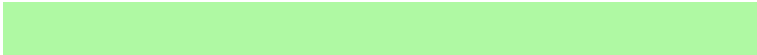
79.5097, 0.3008, 0.2488



79.5097, 0.3990, 0.3067

Sweetspot

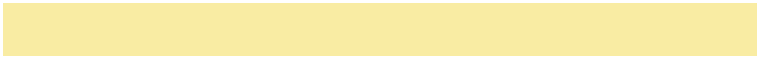
The Sweet Spot groups the original color and five complimentary colors.



79.5131, 0.3151, 0.4307



94.5402, 0.3137, 0.3548



82.8324, 0.3690, 0.4037



20.0828, 0.3138, 0.3587



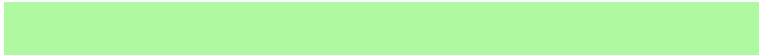
0.0000, 0.0000, 0.0000



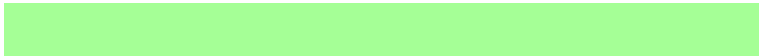
21.4041, 0.3127, 0.3290

Same Dimension

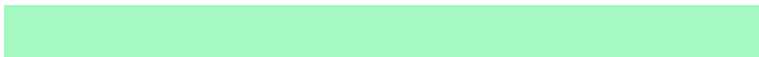
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.5131, 0.3151, 0.4307



81.7442, 0.3150, 0.4531



79.3923, 0.2920, 0.3955



19.4256, 0.3137, 0.3534



36.4912, 0.3038, 0.5970



3.4141, 0.3099, 0.5922

Inverse Universe

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



51.0304, 0.3069, 0.2405



47.7671, 0.3052, 0.2240



51.4408, 0.3421, 0.2710



17.3943, 0.3115, 0.3055



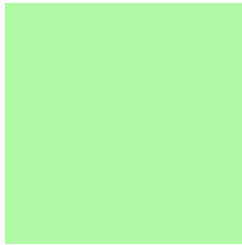
11.3738, 0.2858, 0.1348



1.0862, 0.2902, 0.1372

Previews

White Background



This preview shows how the Yxy color 79.5097, 0.3151, 0.4307 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 79.5097, 0.3151, 0.4307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

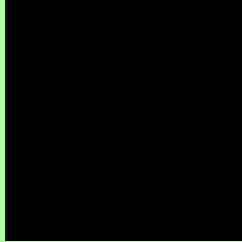
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.5097, 0.3151, 0.4307

Background



This preview shows how black text looks on a background with the Yxy color 79.5097, 0.3151, 0.4307.

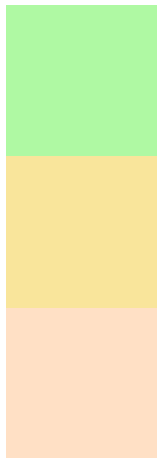


This preview shows how white text looks on a background with the Yxy color 79.5097, 0.3151, 0.4307.

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

79.5097, 0.3151, 0.4307

Protanopia

78.5449, 0.3766, 0.4051

Deuteranopia

78.6025, 0.3537, 0.3565



Tritanopia

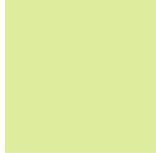
79.2577, 0.2757, 0.3096

Trichromacy



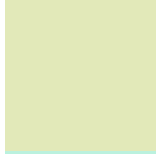
Original Color

79.5097, 0.3151, 0.4307



Protanomaly

77.9891, 0.3523, 0.4144



Deuteranomaly

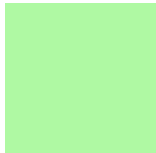
77.9494, 0.3387, 0.3812



Tritanomaly

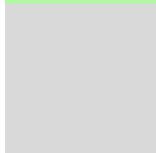
78.7493, 0.2898, 0.3504

Monochromacy



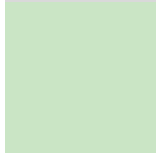
Original Color

79.5097, 0.3151, 0.4307



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

72.6264, 0.3144, 0.3656

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.5097, 0.3151, 0.4307 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(175, 249, 163)` looks like.

```
.text, #text, p{  
    color:rgb(175, 249, 163)  
}
```

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(175, 249, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 249, 163) }
```

Border

The CSS property to change the border of an element to Yxy 79.5097, 0.3151, 0.4307 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(175, 249, 163) }
```

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

```
.border{ border-color:rgb(175, 249, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 249, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 249, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 249, 163);  
box-shadow:4px 4px 4px 4px rgb(175, 249,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 79.5097, 0.3151, 0.4307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 249, 163) }
```

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

```
.background{ background-color: rgb(175,  
249, 163) }
```

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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