

Converting Colors

Yxy(74.9340, 0.3044, 0.4169)

Have a look what the booklet for
Yxy(74.9340, 0.3044, 0.4169)
contains.

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Color

Yxy(74.9340, 0.3044, 0.4169)

Conversions

Conversions Part 1

Format	Color
Hex	A4F3AB
RGB	164, 243, 171
RGB Percent	64%, 95%, 67%
CMY	0.3568, 0.0471, 0.3295
CMYK	0.32, 0.00, 0.30, 0.05
HSL	125°, 77%, 80%
HSV	125°, 32%, 95%
XYZ	54.7131, 74.9340, 50.0938
YIQ	211.1710, -23.9720, -39.1400

Conversions

Conversions Part 2

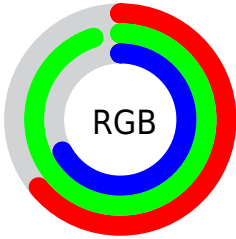
Format	Color
RYB	164, 237, 243
Decimal	10810283
CIELab	89.36, -38.22, 27.26
CIELCh	89, 46.943, 144.497
Yxy	74.9340, 0.3044, 0.4169
Android (android.graphics.Color)	4289000363 (0xFFA4F3AB)
YUV	211.1710, -19.8043, -41.3690
Hunter-Lab	86.5644, -38.6666, 26.2847

Details

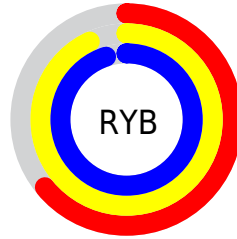
The Yxy color **74.9340, 0.3044, 0.4169** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **51.6756, 0.3221, 0.2546**, and the grayscale version is **65.4096, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4382, 0.3077, 0.3580**, and **39.6770, 0.3009, 0.4400** is the 20% darker color. If you saturate the color by 10%, you get **71.8181, 0.3020, 0.4496**, and if you desaturate by 10%, it is **78.6919, 0.3070, 0.3864**.

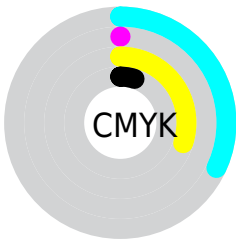
Distribution



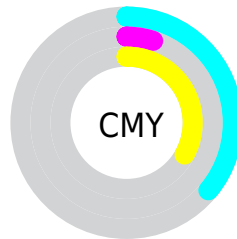
- Red (64%)
- Green (95%)
- Blue (67%)



- Red (64%)
- Yellow (93%)
- Blue (95%)



- Cyan (32%)
- Magenta (0%)
- Yellow (30%)
- Black (5%)




- Cyan (36%)
- Magenta (5%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.9340, 0.3044, 0.4169 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 74.9340, 0.3044, 0.4169 by changing the saturation by 10% instead.


 74.9340, 0.3044,
0.4169


 74.9340, 0.3044,
0.4169


477.6907, 0.3094,
0.3742

 55.5588, 0.3029,
0.4271


 126.2189, 0.3064,
0.4017

 39.8493, 0.3009,
0.4400


 158.8975, 0.3071,
0.3959

 27.4211, 0.2981,
0.4566


196.7793, 0.3077,
0.3910

 17.8897, 0.2939,
0.4789

240.2487, 0.3082,
0.3867

 10.8708, 0.2873,
0.5102

289.6902, 0.3086,
0.3830

 5.9800, 0.2756,
0.5568


345.4880, 0.3089,

 2.8330, 0.2578,


0.3797

0.6448


408.0268, 0.3092,
0.3768

 1.0452, 0.0476,
0.9524


 0.0000, 0.0000,
0.0000


 74.9340, 0.3044,
0.4169


 74.9340, 0.3044,
0.4169


 71.8181, 0.3020,
0.4496


 78.6919, 0.3070,
0.3864


 69.2994, 0.2999,
0.4834

 83.1148, 0.3096,
0.3589

 67.3423, 0.2983,
0.5164

 88.2362, 0.3121,
0.3346

 65.9036, 0.2974,
0.5462

 92.5823, 0.3133,
0.3175

■ 64.9337, 0.2974,
0.5705

■ 64.3730, 0.2980,
0.5875

■ 64.1578, 0.2987,
0.5954

Harmonies

Analogous

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



74.9340, 0.3591, 0.4309



74.9340, 0.3044, 0.4169



74.9340, 0.2545, 0.3709

Triad

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



74.9340, 0.3044, 0.4169



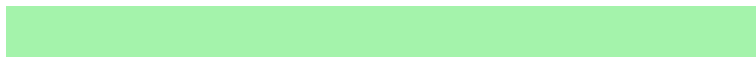
74.9340, 0.2258, 0.2447



74.9340, 0.4122, 0.3312

Complementary

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



74.9340, 0.3044, 0.4169



51.6756, 0.3221, 0.2546

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.



74.9340, 0.3699, 0.2901



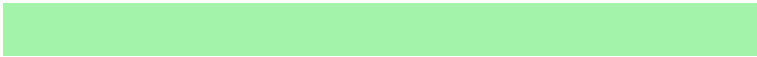
74.9340, 0.3044, 0.4169



74.9340, 0.2610, 0.2421

Square

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



74.9340, 0.3044, 0.4169



74.9340, 0.2122, 0.2688



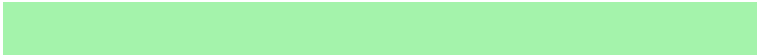
74.9340, 0.3132, 0.2586



74.9340, 0.4243, 0.3748

Rectangle

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



74.9340, 0.3044, 0.4169



74.9340, 0.2304, 0.3326



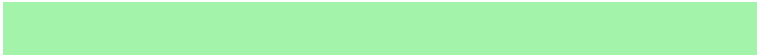
74.9340, 0.3132, 0.2586



74.9340, 0.4009, 0.3168

Sweetspot

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



74.9372, 0.3044, 0.4169



94.0720, 0.3102, 0.3526



84.6887, 0.3571, 0.4115



19.9707, 0.3099, 0.3562



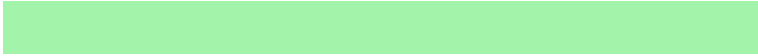
0.0000, 0.0000, 0.0000



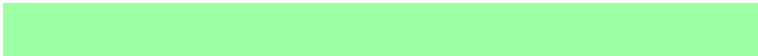
21.4041, 0.3127, 0.3290

Same Dimension

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



74.9372, 0.3044, 0.4169



81.2341, 0.3028, 0.4383



76.6558, 0.2832, 0.3678



18.4957, 0.3104, 0.3513



35.2196, 0.2984, 0.5942



3.1034, 0.2947, 0.5810

Inverse Universe

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



51.6756, 0.3221, 0.2546



51.5556, 0.3244, 0.2398



49.6444, 0.3566, 0.2935



16.7417, 0.3151, 0.3077



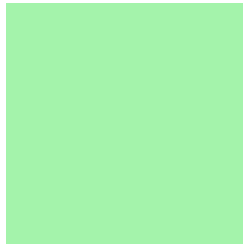
13.3518, 0.3444, 0.1671



1.1807, 0.3411, 0.1653

Previews

White Background



This preview shows how the Yxy color 74.9340, 0.3044, 0.4169 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 74.9340, 0.3044, 0.4169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

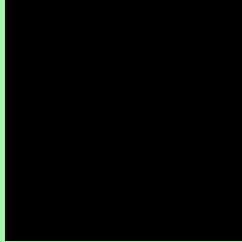
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.9340, 0.3044, 0.4169

Background



This preview shows how black text looks on a background with the Yxy color 74.9340, 0.3044, 0.4169.

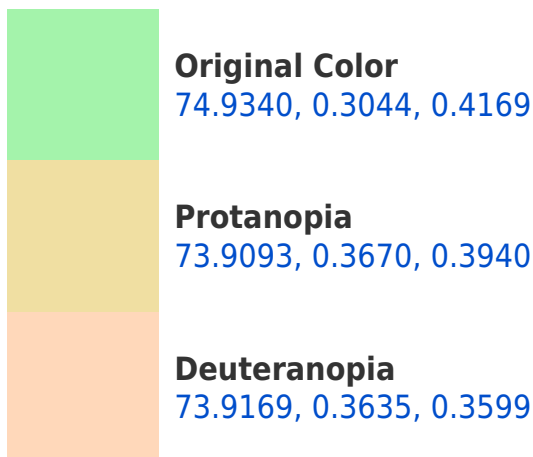


This preview shows how white text looks on a background with the Yxy color 74.9340, 0.3044, 0.4169.

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

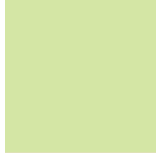
74.8266, 0.2689, 0.3089

Trichromacy



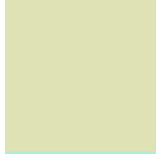
Original Color

74.9340, 0.3044, 0.4169



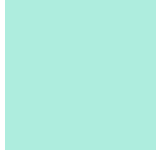
Protanomaly

73.3073, 0.3420, 0.4028



Deuteranomaly

73.2585, 0.3397, 0.3790



Tritanomaly

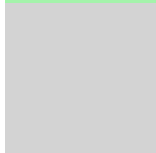
74.8410, 0.2819, 0.3463

Monochromacy



Original Color

74.9340, 0.3044, 0.4169



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

68.2302, 0.3098, 0.3607

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9340, 0.3044, 0.4169 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(164, 243, 171)` looks like.

```
.text, #text, p{  
    color:rgb(164, 243, 171)  
}
```

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(164, 243, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 243, 171) }
```

Border

The CSS property to change the border of an element to Yxy 74.9340, 0.3044, 0.4169 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(164, 243, 171) }
```

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

```
.border{ border-color:rgb(164, 243, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 243, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 243, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 243, 171);  
box-shadow:4px 4px 4px 4px rgb(164, 243,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9340, 0.3044, 0.4169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 243, 171) }
```

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

```
.background{ background-color: rgb(164,  
243, 171) }
```

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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