

Converting Colors

$Yxy(74.6172, 0.3039, 0.4099)$

Have a look what the booklet for
Yxy(74.6172, 0.3039, 0.4099)
contains.

Yxy(74.8149, 0.3040, 0.4104)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(74.8149, 0.3040, 0.4104)

Conversions

Conversions Part 1

Format	Color
Hex	A7F2AF
RGB	167, 242, 175
RGB Percent	65%, 95%, 69%
CMY	0.3452, 0.0509, 0.3138
CMYK	0.31, 0.00, 0.28, 0.05
HSL	126°, 74%, 80%
HSV	126°, 31%, 95%
XYZ	55.4184, 74.8149, 52.0642
YIQ	211.9370, -23.1930, -36.7370

Conversions

Conversions Part 2

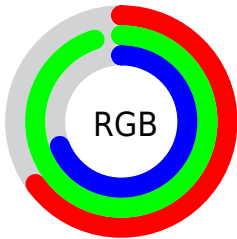
Format	Color
RYB	167, 235, 242
Decimal	11006639
CIELab	89.31, -36.20, 25.17
CIELCh	89, 44.085, 145.189
Yxy	74.8149, 0.3040, 0.4104
Android (android.graphics.Color)	4289196719 (0xFFA7F2AF)
YUV	211.9370, -18.2099, -39.4097
Hunter-Lab	86.4956, -37.0009, 24.8586

Details

The Yxy color **74.8149, 0.3040, 0.4104** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **52.4443, 0.3228, 0.2593**, and the grayscale version is **65.9246, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1368, 0.3073, 0.3536**, and **39.5478, 0.3004, 0.4313** is the 20% darker color. If you saturate the color by 10%, you get **71.6425, 0.3013, 0.4422**, and if you desaturate by 10%, it is **78.6227, 0.3068, 0.3810**.

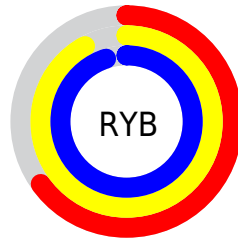
Distribution



Red (65%)

Green (95%)

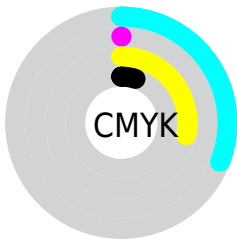
Blue (69%)



Red (65%)

Yellow (92%)

Blue (95%)

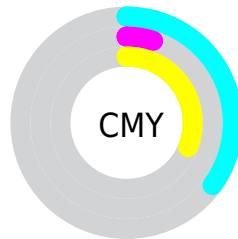


Cyan (31%)

Magenta (0%)

Yellow (28%)

Black (5%)



Cyan (35%)


Magenta (5%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.8149, 0.3040, 0.4104 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 74.8149, 0.3040, 0.4104 by changing the saturation by 10% instead.


 74.8149, 0.3040,
0.4104


 74.8149, 0.3040,
0.4104

477.2811, 0.3091,
0.3710

 55.4613, 0.3026,
0.4198


 126.0503, 0.3060,
0.3964

 39.7711, 0.3007,
0.4317


 158.7009, 0.3067,
0.3910

 27.3602, 0.2980,
0.4470


196.5525, 0.3072,
0.3865

 17.8439, 0.2941,
0.4676

239.9897, 0.3077,
0.3825

 10.8380, 0.2879,
0.4965

289.3967, 0.3081,
0.3791

 5.9580, 0.2773,
0.5397


345.1580, 0.3085,


 2.8195, 0.2594,


0.3761


407.6580, 0.3088,
0.3734


0.6165


 1.0383, 0.0843,
0.9157


 0.0000, 0.0000,
0.0000


 74.8149, 0.3040,
0.4104


 74.8149, 0.3040,
0.4104


 71.6425, 0.3013,
0.4422


 78.6227, 0.3068,
0.3810

 69.0621, 0.2991,
0.4753

 83.0879, 0.3097,
0.3546

 67.0395, 0.2974,
0.5081

 88.2431, 0.3124,
0.3312

 65.5333, 0.2964,
0.5385

 91.9923, 0.3133,
0.3166

■ 64.4960, 0.2964,
0.5641

■ 63.8717, 0.2972,
0.5830

■ 63.5861, 0.2983,
0.5938

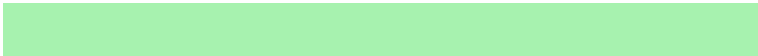
Harmonies

Analogous

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



74.8149, 0.3556, 0.4247



74.8149, 0.3040, 0.4104



74.8149, 0.2571, 0.3671

Triad

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



74.8149, 0.3040, 0.4104



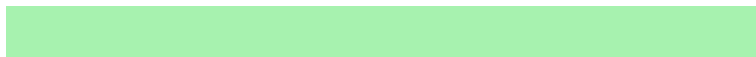
74.8149, 0.2311, 0.2492



74.8149, 0.4067, 0.3324

Complementary

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



74.8149, 0.3040, 0.4104



52.4443, 0.3228, 0.2593

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.



74.8149, 0.3677, 0.2932



74.8149, 0.3040, 0.4104



74.8149, 0.2651, 0.2470

Square

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



74.8149, 0.3040, 0.4104



74.8149, 0.2177, 0.2718



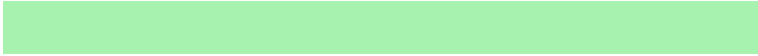
74.8149, 0.3145, 0.2629



74.8149, 0.4175, 0.3736

Rectangle

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



74.8149, 0.3040, 0.4104



74.8149, 0.2344, 0.3314



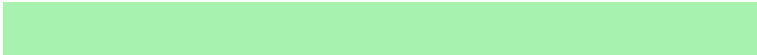
74.8149, 0.3145, 0.2629



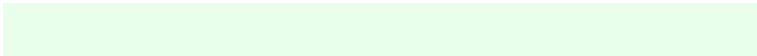
74.8149, 0.3964, 0.3187

Sweetspot

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



74.8180, 0.3040, 0.4104



94.6535, 0.3102, 0.3497



83.8796, 0.3542, 0.4080



20.0877, 0.3098, 0.3532



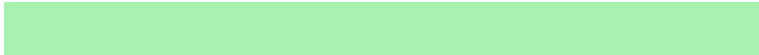
0.0000, 0.0000, 0.0000



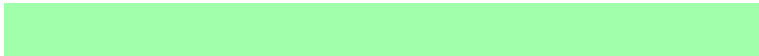
21.4041, 0.3127, 0.3290

Same Dimension

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



74.8180, 0.3040, 0.4104



81.9905, 0.3024, 0.4295



76.4770, 0.2837, 0.3643



17.6838, 0.3101, 0.3508



34.1641, 0.2979, 0.5923



2.8512, 0.2934, 0.5761

Inverse Universe

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



52.4443, 0.3228, 0.2593



53.2156, 0.3251, 0.2458



50.5342, 0.3551, 0.2965



16.0006, 0.3154, 0.3082



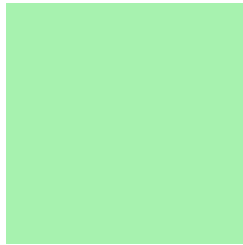
12.8212, 0.3498, 0.1700



1.0749, 0.3455, 0.1677

Previews

White Background



This preview shows how the Yxy color 74.8149, 0.3040, 0.4104 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 74.8149, 0.3040, 0.4104 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 74.8149, 0.3040, 0.4104

Background



This preview shows how black text looks on a background with the Yxy color 74.8149, 0.3040, 0.4104.

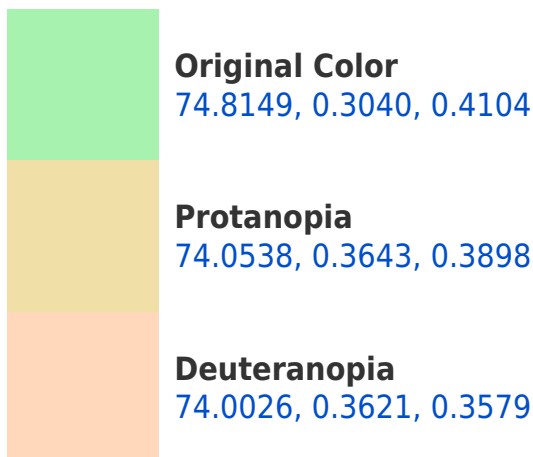


This preview shows how white text looks on a background with the Yxy color 74.8149, 0.3040, 0.4104.

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

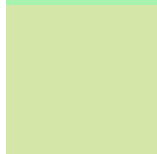
74.5020, 0.2699, 0.3078

Trichromacy



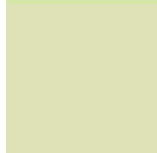
Original Color

74.8149, 0.3040, 0.4104



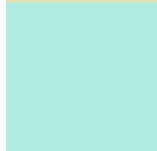
Protanomaly

73.6043, 0.3401, 0.3980



Deuteranomaly

72.9573, 0.3392, 0.3755



Tritanomaly

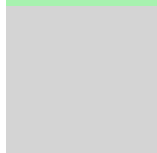
74.5487, 0.2825, 0.3440

Monochromacy



Original Color

74.8149, 0.3040, 0.4104



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

68.6346, 0.3093, 0.3570

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.8149, 0.3040, 0.4104 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(167, 242, 175)` looks like.

```
.text, #text, p{  
    color:rgb(167, 242, 175)  
}
```

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(167, 242, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 242, 175) }
```

Border

The CSS property to change the border of an element to Yxy 74.8149, 0.3040, 0.4104 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(167, 242, 175) }
```

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

```
.border{ border-color:rgb(167, 242, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 242, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 242, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 242, 175);  
box-shadow:4px 4px 4px 4px rgb(167, 242,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 74.8149, 0.3040, 0.4104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 242, 175) }
```

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

```
.background{ background-color: rgb(167,  
242, 175) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor