

Converting Colors

$Yxy(74.6193, 0.3102, 0.4165)$

Have a look what the booklet for
Yxy(74.6193, 0.3102, 0.4165)
contains.

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Color

Yxy(74.4331, 0.3099, 0.4162)

Conversions

Conversions Part 1

Format	Color
Hex	ABF1A9
RGB	171, 241, 169
RGB Percent	67%, 95%, 66%
CMY	0.3291, 0.0549, 0.3372
CMYK	0.29, 0.00, 0.30, 0.05
HSL	118°, 72%, 80%
HSV	118°, 30%, 95%
XYZ	55.4224, 74.4331, 48.9842
YIQ	211.8620, -18.6080, -37.2320

Conversions

Conversions Part 2

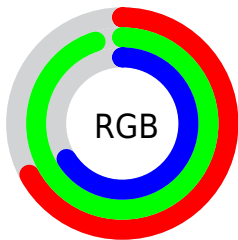
Format	Color
RYB	169, 241, 239
Decimal	11268521
CIELab	89.13, -35.41, 28.00
CIELCh	89, 45.148, 141.662
Yxy	74.4331, 0.3099, 0.4162
Android (android.graphics.Color)	4289458601 (0xFFABF1A9)
YUV	211.8620, -21.1310, -35.8360
Hunter-Lab	86.2746, -36.3130, 26.7291

Details

The Yxy color **74.4331, 0.3099, 0.4162** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **53.0675, 0.3145, 0.2543**, and the grayscale version is **65.9049, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4502, 0.3131, 0.3597**, and **39.7408, 0.3083, 0.4401** is the 20% darker color. If you saturate the color by 10%, you get **71.2115, 0.3086, 0.4511**, and if you desaturate by 10%, it is **78.2934, 0.3110, 0.3837**.

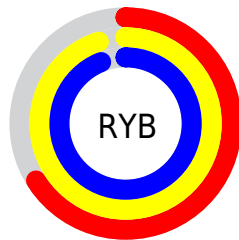
Distribution



Red (67%)

Green (95%)

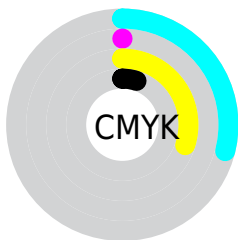
Blue (66%)



Red (66%)

Yellow (95%)

Blue (94%)

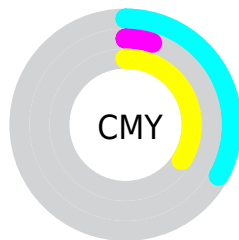


Cyan (29%)

Magenta (0%)

Yellow (30%)

Black (5%)



Cyan (33%)


Magenta (5%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.4331, 0.3099, 0.4162 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 74.4331, 0.3099, 0.4162 by changing the saturation by 10% instead.


 74.4331, 0.3099,
0.4162

 74.4331, 0.3099,
0.4162


475.9668, 0.3124,
0.3739

 55.1486, 0.3090,
0.4263

 125.5096, 0.3110,
0.4012

 39.5207, 0.3077,
0.4390


158.0703, 0.3114,
0.3954

 27.1650, 0.3058,
0.4554


195.8253, 0.3116,
0.3905

 17.6972, 0.3028,
0.4774

239.1588, 0.3119,
0.3863

 10.7328, 0.2976,
0.5082

288.4553, 0.3120,
0.3826

 5.8875, 0.2881,
0.5538


344.0992, 0.3122,

 2.7768, 0.2753,


0.3794


0.6441


406.4749, 0.3123,
0.3765


 1.0163, 0.0862,
0.9138


 0.0000, 0.0000,
0.0000


 74.4331, 0.3099,
0.4162


 74.4331, 0.3099,
0.4162

 71.2115, 0.3086,
0.4511

 78.2934, 0.3110,
0.3837


 68.5854, 0.3071,
0.4871

 82.8142, 0.3120,
0.3545

 66.5210, 0.3055,
0.5218

 88.0277, 0.3127,
0.3287

 64.9775, 0.3039,
0.5525

 91.3859, 0.3133,
0.3156

■ 63.9084, 0.3024,
0.5765

■ 63.2589, 0.3012,
0.5921

■ 62.9531, 0.3004,
0.5996

■ 62.9504, 0.3004,
0.5997

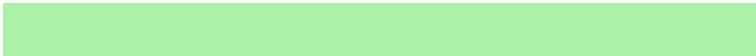
Harmonies

Analogous

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



74.4331, 0.3624, 0.4267



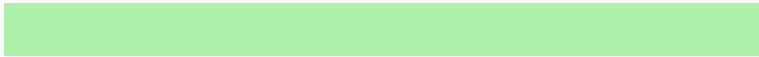
74.4331, 0.3099, 0.4162



74.4331, 0.2606, 0.3744

Triad

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



74.4331, 0.3099, 0.4162



74.4331, 0.2264, 0.2489



74.4331, 0.4058, 0.3273

Complementary

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



74.4331, 0.3099, 0.4162



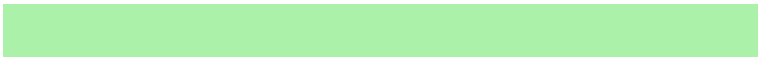
53.0675, 0.3145, 0.2543

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.



74.4331, 0.3630, 0.2881



74.4331, 0.3099, 0.4162



74.4331, 0.2588, 0.2443

Square

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



74.4331, 0.3099, 0.4162



74.4331, 0.2154, 0.2744



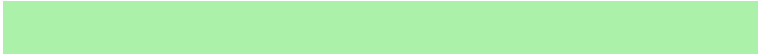
74.4331, 0.3081, 0.2586



74.4331, 0.4206, 0.3697

Rectangle

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



74.4331, 0.3099, 0.4162



74.4331, 0.2360, 0.3378



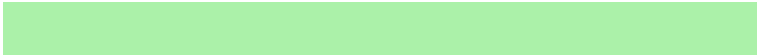
74.4331, 0.3081, 0.2586



74.4331, 0.3941, 0.3136

Sweetspot

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



74.4363, 0.3099, 0.4162



94.6234, 0.3120, 0.3522



83.0589, 0.3585, 0.4014



20.0803, 0.3119, 0.3562



0.0000, 0.0000, 0.0000



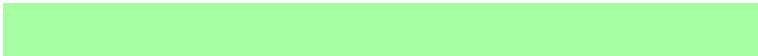
21.4041, 0.3127, 0.3290

Same Dimension

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



74.4363, 0.3099, 0.4162



82.2600, 0.3091, 0.4378



75.6344, 0.2899, 0.3745



17.6779, 0.3120, 0.3534



34.1489, 0.3006, 0.5995



2.8484, 0.3022, 0.5982

Inverse Universe

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



53.0675, 0.3145, 0.2543



54.2503, 0.3148, 0.2390



51.6023, 0.3444, 0.2877



16.0070, 0.3133, 0.3057



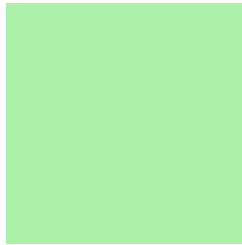
12.9495, 0.3138, 0.1502



1.0845, 0.3148, 0.1508

Previews

White Background



This preview shows how the Yxy color 74.4331, 0.3099, 0.4162 looks on a white background.

Color Contrast Check

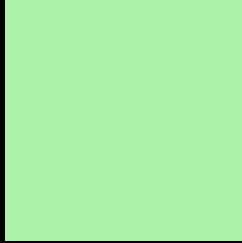
Large Text (above 18pt) WCAG AA × Fail

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 74.4331, 0.3099, 0.4162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

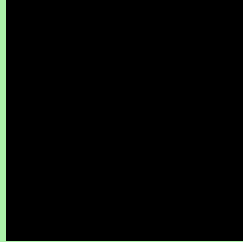
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.4331, 0.3099, 0.4162

Background



This preview shows how black text looks on a background with the Yxy color 74.4331, 0.3099, 0.4162.



This preview shows how white text looks on a background with the Yxy color 74.4331, 0.3099, 0.4162.

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

74.4331, 0.3099, 0.4162

Protanopia

73.8738, 0.3677, 0.3951

Deuteranopia

73.8324, 0.3650, 0.3620



Tritanopia

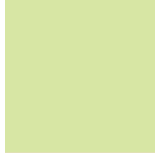
74.3057, 0.2731, 0.3090

Trichromacy



Original Color

74.4331, 0.3099, 0.4162



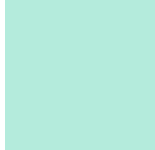
Protanomaly

73.7210, 0.3448, 0.4033



Deuteranomaly

72.9524, 0.3427, 0.3799



Tritanomaly

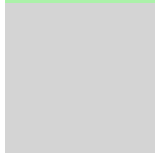
74.2873, 0.2864, 0.3463

Monochromacy



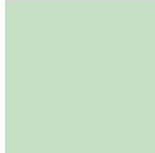
Original Color

74.4331, 0.3099, 0.4162



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

68.6312, 0.3119, 0.3606

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.4331, 0.3099, 0.4162 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(171, 241, 169)` looks like.

```
.text, #text, p{  
    color:rgb(171, 241, 169)  
}
```

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(171, 241, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 241, 169) }
```

Border

The CSS property to change the border of an element to Yxy 74.4331, 0.3099, 0.4162 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(171, 241, 169) }
```

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

```
.border{ border-color:rgb(171, 241, 169) }
```

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

Here you see how a box with a 4 pixel rgb(171, 241, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 241, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 241, 169);  
box-shadow:4px 4px 4px 4px rgb(171, 241,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 74.4331, 0.3099, 0.4162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 241, 169) }
```

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

```
.background{ background-color: rgb(171,  
241, 169) }
```

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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