

Converting Colors

$Yxy(74.1046, 0.3057, 0.4131)$

Have a look what the booklet for
Yxy(74.1046, 0.3057, 0.4131)
contains.

Yxy(74.1046, 0.3057, 0.4131)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.1046, 0.3057, 0.4131)

Conversions

Conversions Part 1

Format	Color
Hex	A7F1AC
RGB	167, 241, 172
RGB Percent	65%, 95%, 67%
CMY	0.3451, 0.0549, 0.3255
CMYK	0.31, 0.00, 0.29, 0.05
HSL	124°, 73%, 80%
HSV	124°, 31%, 95%
XYZ	54.8385, 74.1046, 50.4435
YIQ	211.0080, -21.9550, -37.1470

Conversions

Conversions Part 2

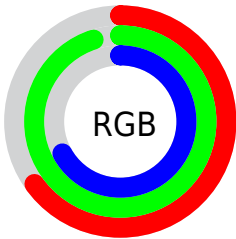
Format	Color
RYB	167, 236, 241
Decimal	11006380
CIELab	88.97, -36.22, 26.23
CIELCh	89, 44.718, 144.085
Yxy	74.1046, 0.3057, 0.4131
Android (android.graphics.Color)	4289196460 (0xFFA7F1AC)
YUV	211.0080, -19.2309, -38.5950
Hunter-Lab	86.0840, -36.9364, 25.5161

Details

The Yxy color **74.1046, 0.3057, 0.4131** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **52.3967, 0.3203, 0.2573**, and the grayscale version is **65.2894, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.9687, 0.3089, 0.3568**, and **39.4746, 0.3024, 0.4363** is the 20% darker color. If you saturate the color by 10%, you get **70.9311, 0.3034, 0.4462**, and if you desaturate by 10%, it is **77.9195, 0.3081, 0.3825**.

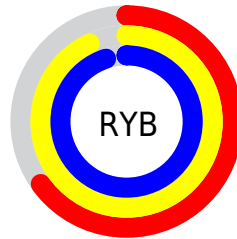
Distribution



Red (65%)

Green (95%)

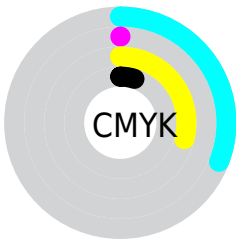
Blue (67%)



Red (65%)

Yellow (93%)

Blue (95%)

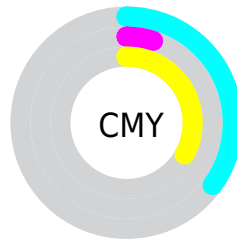


Cyan (31%)

Magenta (0%)

Yellow (29%)

Black (5%)



Cyan (35%)


Magenta (5%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.1046, 0.3057, 0.4131 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 74.1046, 0.3057, 0.4131 by changing the saturation by 10% instead.

 74.1046, 0.3057,
0.4131

 74.1046, 0.3057,
0.4131

474.8343, 0.3100,
0.3723

 54.8797, 0.3044,
0.4229


 125.0441, 0.3074,
0.3986

 39.3054, 0.3027,
0.4352


 157.5274, 0.3080,
0.3930

 26.9974, 0.3002,
0.4511


195.1990, 0.3085,
0.3883

 17.5713, 0.2964,
0.4725

238.4432, 0.3089,
0.3842

 10.6426, 0.2904,
0.5026

287.6444, 0.3093,
0.3807

 5.8271, 0.2798,
0.5475


343.1871, 0.3096,

 2.7402, 0.2634,

0.3775


0.6321


405.4556, 0.3098,
0.3748


 0.9977, 0.0567,
0.9433


 0.0000, 0.0000,
0.0000


 74.1046, 0.3057,
0.4131


 74.1046, 0.3057,
0.4131


 70.9311, 0.3034,
0.4462


 77.9195, 0.3081,
0.3825


 68.3550, 0.3014,
0.4805

 82.3982, 0.3104,
0.3549

 66.3416, 0.2997,
0.5141

 87.5738, 0.3126,
0.3306

 64.8487, 0.2986,
0.5447

 91.3931, 0.3133,
0.3156

■ 63.8282, 0.2983,
0.5698

■ 63.2230, 0.2986,
0.5874

■ 62.9514, 0.2991,
0.5967

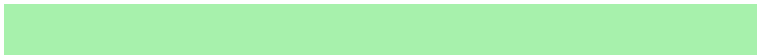
Harmonies

Analogous

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



74.1046, 0.3581, 0.4263



74.1046, 0.3057, 0.4131



74.1046, 0.2576, 0.3697

Triad

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



74.1046, 0.3057, 0.4131



74.1046, 0.2289, 0.2483



74.1046, 0.4074, 0.3308

Complementary

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



74.1046, 0.3057, 0.4131



52.3967, 0.3203, 0.2573

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.



74.1046, 0.3668, 0.2913



74.1046, 0.3057, 0.4131



74.1046, 0.2627, 0.2454

Square

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



74.1046, 0.3057, 0.4131



74.1046, 0.2161, 0.2720



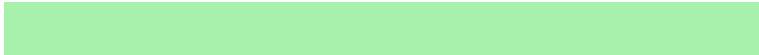
74.1046, 0.3125, 0.2610



74.1046, 0.4195, 0.3727

Rectangle

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



74.1046, 0.3057, 0.4131



74.1046, 0.2342, 0.3334



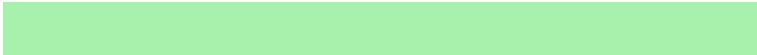
74.1046, 0.3125, 0.2610



74.1046, 0.3965, 0.3170

Sweetspot

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



74.1077, 0.3057, 0.4131



94.6017, 0.3107, 0.3506



83.5483, 0.3556, 0.4067



20.0751, 0.3104, 0.3543



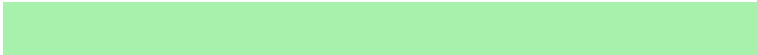
0.0000, 0.0000, 0.0000



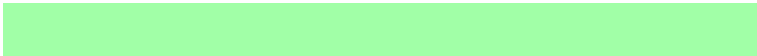
21.4041, 0.3127, 0.3290

Same Dimension

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



74.1077, 0.3057, 0.4131



81.8517, 0.3042, 0.4341



75.7294, 0.2853, 0.3669



17.6737, 0.3106, 0.3517



34.1426, 0.2988, 0.5957



2.8464, 0.2957, 0.5846

Inverse Universe

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



52.3967, 0.3203, 0.2573



53.4438, 0.3221, 0.2426



50.4671, 0.3522, 0.2942



16.0119, 0.3148, 0.3073



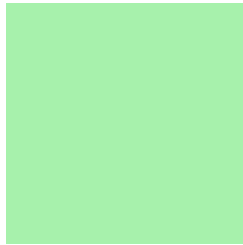
13.0888, 0.3386, 0.1639



1.0944, 0.3360, 0.1625

Previews

White Background



This preview shows how the Yxy color 74.1046, 0.3057, 0.4131 looks on a white background.

Color Contrast Check

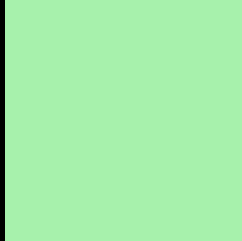
Large Text (above 18pt) WCAG AA × Fail

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 74.1046, 0.3057, 0.4131 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 74.1046, 0.3057, 0.4131

Background



This preview shows how black text looks on a background with the Yxy color 74.1046, 0.3057, 0.4131.

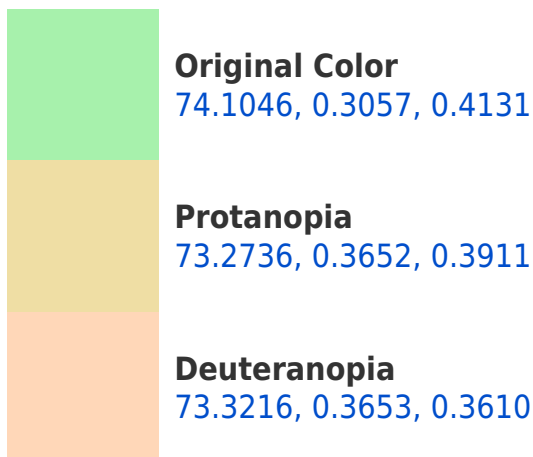


This preview shows how white text looks on a background with the Yxy color 74.1046, 0.3057, 0.4131.

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

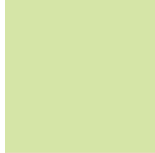
73.8777, 0.2703, 0.3078

Trichromacy



Original Color

74.1046, 0.3057, 0.4131



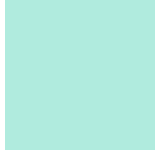
Protanomaly

72.9748, 0.3416, 0.3993



Deuteranomaly

72.2946, 0.3415, 0.3779



Tritanomaly

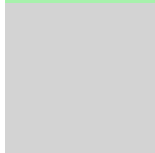
73.9207, 0.2829, 0.3440

Monochromacy



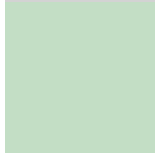
Original Color

74.1046, 0.3057, 0.4131



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

67.8759, 0.3099, 0.3584

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1046, 0.3057, 0.4131 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, 241, 172)` looks like.

```
.text, #text, p{  
    color:rgb(167, 241, 172)  
}
```

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, 241, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 241, 172) }
```

Border

The CSS property to change the border of an element to Yxy 74.1046, 0.3057, 0.4131 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, 241, 172) }
```

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

```
.border{ border-color:rgb(167, 241, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 241, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 241, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 241, 172); box-shadow:4px 4px 4px 4px rgb(167, 241, 172) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1046, 0.3057, 0.4131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 241, 172) }
```

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

```
.background{ background-color: rgb(167,  
241, 172) }
```

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