

Converting Colors

$Yxy(72.2684, 0.3052, 0.4005)$

Have a look what the booklet for
Yxy(72.2684, 0.3052, 0.4005)
contains.

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Color

Yxy(72.4407, 0.3049, 0.4008)

Conversions

Conversions Part 1

Format	Color
Hex	ABEDB2
RGB	171, 237, 178
RGB Percent	67%, 93%, 70%
CMY	0.3296, 0.0705, 0.3020
CMYK	0.28, 0.00, 0.25, 0.07
HSL	126°, 65%, 80%
HSV	126°, 28%, 93%
XYZ	55.1077, 72.4407, 53.1919
YIQ	210.5400, -20.3970, -32.3410

Conversions

Conversions Part 2

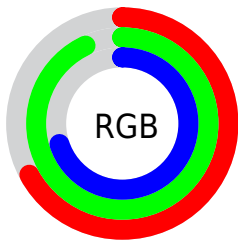
Format	Color
RYB	171, 231, 237
Decimal	11267506
CIELab	88.18, -32.12, 22.11
CIELCh	88, 38.995, 145.468
Yxy	72.4407, 0.3049, 0.4008
Android (android.graphics.Color)	4289457586 (0xFFABEDB2)
YUV	210.5400, -16.0422, -34.6766
Hunter-Lab	85.1121, -33.3724, 22.5245

Details

The Yxy color **72.4407, 0.3049, 0.4008** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **52.8311, 0.3216, 0.2664**, and the grayscale version is **64.9363, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9545, 0.3080, 0.3503**, and **38.3103, 0.3022, 0.4200** is the 20% darker color. If you saturate the color by 10%, you get **69.2311, 0.3022, 0.4319**, and if you desaturate by 10%, it is **76.2649, 0.3077, 0.3723**.

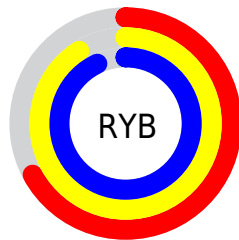
Distribution



Red (67%)

Green (93%)

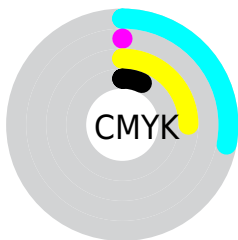
Blue (70%)



Red (67%)

Yellow (91%)

Blue (93%)

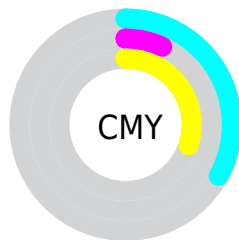


Cyan (28%)

Magenta (0%)

Yellow (25%)

Black (7%)



Cyan (33%)


Magenta (7%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.4407, 0.3049, 0.4008 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 72.4407, 0.3049, 0.4008 by changing the saturation by 10% instead.


 72.4407, 0.3049,
0.4008

 72.4407, 0.3049,
0.4008


469.0741, 0.3093,
0.3660

 53.5188, 0.3037,
0.4091


 122.6829, 0.3066,
0.3884

 38.2171, 0.3020,
0.4196


154.7719, 0.3072,
0.3837

 26.1512, 0.2997,
0.4333

192.0188, 0.3077,
0.3797

 16.9368, 0.2964,
0.4516

234.8078, 0.3082,
0.3762

 10.1894, 0.2912,
0.4775

283.5235, 0.3085,
0.3731

 5.5247, 0.2821,
0.5167


338.5502, 0.3088,

 2.5583, 0.2662,


0.3705


400.2722, 0.3091,
0.3681


0.5858


 0.9058, 0.0779,
0.9221


 0.0000, 0.0000,
0.0000


 72.4407, 0.3049,
0.4008


 72.4407, 0.3049,
0.4008


 69.2311, 0.3022,
0.4319


 76.2649, 0.3077,
0.3723


 66.5955, 0.2998,
0.4647

 80.7237, 0.3106,
0.3469

 64.5025, 0.2979,
0.4978

 85.8477, 0.3133,
0.3245

 62.9141, 0.2967,
0.5292

 89.0559, 0.3135,
0.3117

■ 61.7873, 0.2963,
0.5565

■ 61.0719, 0.2969,
0.5777

■ 60.7009, 0.2981,
0.5916

■ 60.6471, 0.2983,
0.5937

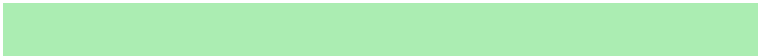
Harmonies

Analogous

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



72.4407, 0.3513, 0.4143



72.4407, 0.3049, 0.4008



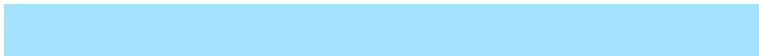
72.4407, 0.2626, 0.3626

Triad

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



72.4407, 0.3049, 0.4008



72.4407, 0.2393, 0.2570



72.4407, 0.3969, 0.3329

Complementary

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



72.4407, 0.3049, 0.4008



52.8311, 0.3216, 0.2664

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.



72.4407, 0.3623, 0.2972



72.4407, 0.3049, 0.4008



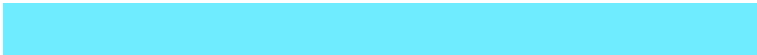
72.4407, 0.2704, 0.2549

Square

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



72.4407, 0.3049, 0.4008



72.4407, 0.2269, 0.2777



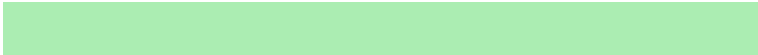
72.4407, 0.3151, 0.2694



72.4407, 0.4065, 0.3703

Rectangle

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



72.4407, 0.3049, 0.4008



72.4407, 0.2421, 0.3311



72.4407, 0.3151, 0.2694



72.4407, 0.3877, 0.3205

Sweetspot

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



72.4438, 0.3049, 0.4008



95.2152, 0.3105, 0.3473



80.4054, 0.3500, 0.3998



20.1996, 0.3101, 0.3509



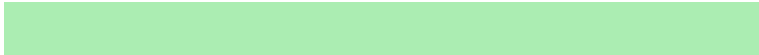
0.0000, 0.0000, 0.0000



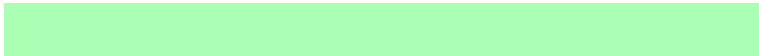
21.4041, 0.3127, 0.3290

Same Dimension

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



72.4438, 0.3049, 0.4008



83.4484, 0.3034, 0.4169



73.9125, 0.2864, 0.3602



16.8882, 0.3101, 0.3507



33.1160, 0.2979, 0.5923



2.6091, 0.2931, 0.5752

Inverse Universe

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



52.8311, 0.3216, 0.2664



56.9858, 0.3236, 0.2546



51.1676, 0.3495, 0.3000



15.2845, 0.3154, 0.3082



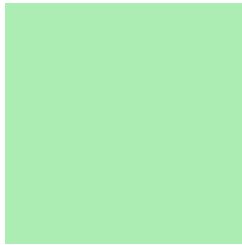
12.4308, 0.3496, 0.1700



0.9841, 0.3451, 0.1675

Previews

White Background



This preview shows how the Yxy color 72.4407, 0.3049, 0.4008 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 72.4407, 0.3049, 0.4008 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

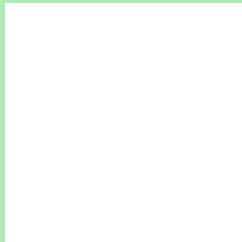
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.4407, 0.3049, 0.4008

Background



This preview shows how black text looks on a background with the Yxy color 72.4407, 0.3049, 0.4008.

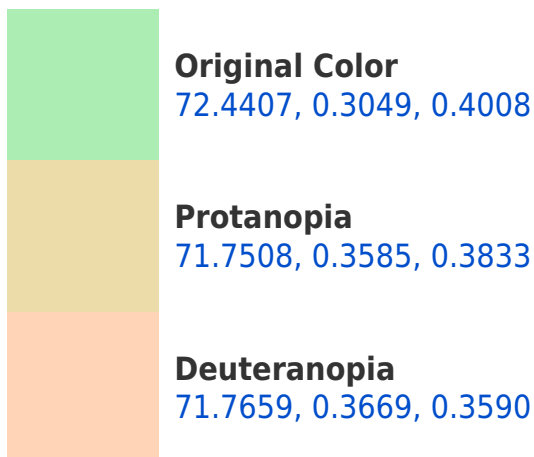


This preview shows how white text looks on a background with the Yxy color 72.4407, 0.3049, 0.4008.

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

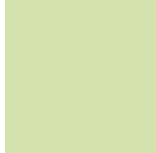
72.3310, 0.2738, 0.3088

Trichromacy



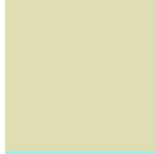
Original Color

72.4407, 0.3049, 0.4008



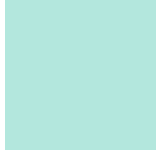
Protanomaly

71.4069, 0.3375, 0.3894



Deuteranomaly

70.8964, 0.3421, 0.3735



Tritanomaly

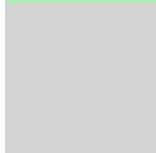
71.9560, 0.2850, 0.3405

Monochromacy



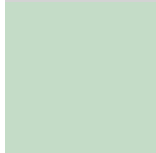
Original Color

72.4407, 0.3049, 0.4008



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

67.0457, 0.3094, 0.3536

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.4407, 0.3049, 0.4008 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, 237, 178)` looks like.

```
.text, #text, p{  
    color:rgb(171, 237, 178)  
}
```

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, 237, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 237, 178) }
```

Border

The CSS property to change the border of an element to Yxy 72.4407, 0.3049, 0.4008 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, 237, 178) }
```

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

```
.border{ border-color:rgb(171, 237, 178) }
```

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

Here you see how a box with a 4 pixel rgb(171, 237, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 237, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 237, 178);  
box-shadow:4px 4px 4px 4px rgb(171, 237,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 72.4407, 0.3049, 0.4008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 237, 178) }
```

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

```
.background{ background-color: rgb(171,  
237, 178) }
```

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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