

Converting Colors

$Yxy(70.8742, 0.3057, 0.4036)$

Have a look what the booklet for
Yxy(70.8742, 0.3057, 0.4036)
contains.

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Color

Yxy(70.9077, 0.3060, 0.4040)

Conversions

Conversions Part 1

Format	Color
Hex	A9EBAE
RGB	169, 235, 174
RGB Percent	66%, 92%, 68%
CMY	0.3373, 0.0784, 0.3176
CMYK	0.28, 0.00, 0.26, 0.08
HSL	125°, 62%, 79%
HSV	125°, 28%, 92%
XYZ	53.7073, 70.9077, 50.8991
YIQ	208.3120, -19.7550, -32.9630

Conversions

Conversions Part 2

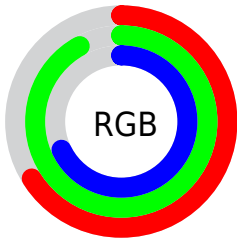
Format	Color
RYB	169, 230, 235
Decimal	11135918
CIELab	87.44, -32.50, 23.13
CIELCh	87, 39.885, 144.563
Yxy	70.9077, 0.3060, 0.4040
Android (android.graphics.Color)	4289325998 (0xFFA9EBAE)
YUV	208.3120, -16.9158, -34.4766
Hunter-Lab	84.2067, -33.5139, 23.1066

Details

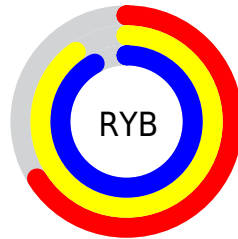
The Yxy color **70.9077, 0.3060, 0.4040** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **51.7457, 0.3200, 0.2640**, and the grayscale version is **63.4102, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.2407, 0.3084, 0.3546**, and **37.2655, 0.3035, 0.4245** is the 20% darker color. If you saturate the color by 10%, you get **67.7616, 0.3036, 0.4362**, and if you desaturate by 10%, it is **74.6638, 0.3085, 0.3745**.

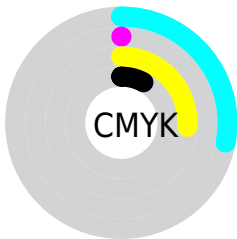
Distribution



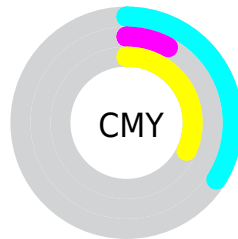
- Red (66%)
- Green (92%)
- Blue (68%)



- Red (66%)
- Yellow (90%)
- Blue (92%)



- Cyan (28%)
- Magenta (0%)
- Yellow (26%)
- Black (8%)



- Cyan (34%)
- Magenta (8%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.9077, 0.3060, 0.4040 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 70.9077, 0.3060, 0.4040 by changing the saturation by 10% instead.


 70.9077, 0.3060,
0.4040

 70.9077, 0.3060,
0.4040

463.7307, 0.3100,
0.3675

 52.2669, 0.3048,
0.4128


 120.5023, 0.3076,
0.3910

 37.2178, 0.3033,
0.4239

152.2248, 0.3081,
0.3860

 25.3762, 0.3010,
0.4383


189.0768, 0.3086,
0.3818

 16.3576, 0.2977,
0.4578

231.4425, 0.3090,
0.3781

 9.7775, 0.2924,
0.4855

279.7063, 0.3093,
0.3749

 5.2517, 0.2830,
0.5274


334.2527, 0.3096,


 2.3957, 0.2686,

0.3722

0.6082


395.4660, 0.3098,
0.3697


 0.8237, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000


 70.9077, 0.3060,
0.4040


 70.9077, 0.3060,
0.4040


 67.7616, 0.3036,
0.4362


 74.6638, 0.3085,
0.3745


 65.1849, 0.3014,
0.4700

 79.0503, 0.3109,
0.3480

 63.1461, 0.2996,
0.5038

 84.0974, 0.3131,
0.3248

 61.6071, 0.2984,
0.5354

 87.9016, 0.3136,
0.3097

■ 60.5245, 0.2979,
0.5622

■ 59.8479, 0.2981,
0.5823

■ 59.5084, 0.2989,
0.5946

■ 59.4649, 0.2989,
0.5961

Harmonies

Analogous

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



70.9077, 0.3537, 0.4169



70.9077, 0.3060, 0.4040



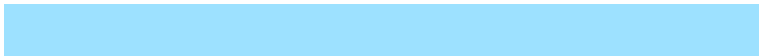
70.9077, 0.2623, 0.3650

Triad

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



70.9077, 0.3060, 0.4040



70.9077, 0.2366, 0.2553



70.9077, 0.3987, 0.3317

Complementary

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



70.9077, 0.3060, 0.4040



51.7457, 0.3200, 0.2640

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.



70.9077, 0.3624, 0.2952



70.9077, 0.3060, 0.4040



70.9077, 0.2679, 0.2527

Square

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



70.9077, 0.3060, 0.4040



70.9077, 0.2245, 0.2771



70.9077, 0.3136, 0.2671



70.9077, 0.4094, 0.3701

Rectangle

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



70.9077, 0.3060, 0.4040



70.9077, 0.2409, 0.3325



70.9077, 0.3136, 0.2671



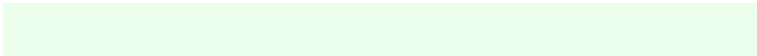
70.9077, 0.3890, 0.3190

Sweetspot

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



70.9107, 0.3060, 0.4040



95.1790, 0.3109, 0.3479



79.2091, 0.3519, 0.3999



20.1906, 0.3105, 0.3517



0.0000, 0.0000, 0.0000



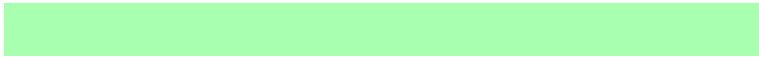
21.4041, 0.3127, 0.3290

Same Dimension

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



70.9107, 0.3060, 0.4040



82.9686, 0.3045, 0.4232



72.3303, 0.2875, 0.3631



16.8807, 0.3105, 0.3515



33.0991, 0.2986, 0.5950



2.6056, 0.2950, 0.5821

Inverse Universe

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



51.7457, 0.3200, 0.2640



56.1790, 0.3218, 0.2501



50.0915, 0.3479, 0.2974



15.2929, 0.3150, 0.3075



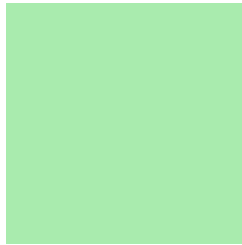
12.6306, 0.3409, 0.1652



0.9977, 0.3379, 0.1635

Previews

White Background



This preview shows how the Yxy color 70.9077, 0.3060, 0.4040 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 70.9077, 0.3060, 0.4040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

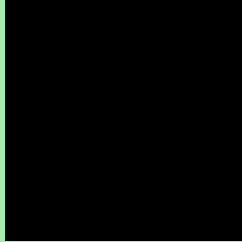
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

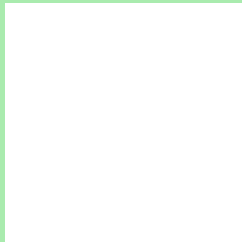
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.9077, 0.3060, 0.4040

Background



This preview shows how black text looks on a background with the Yxy color 70.9077, 0.3060, 0.4040.

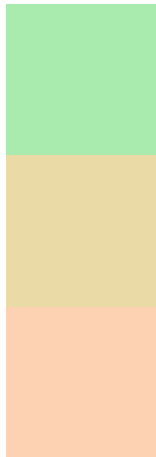


This preview shows how white text looks on a background with the Yxy color 70.9077, 0.3060, 0.4040.

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

70.9077, 0.3060, 0.4040

Protanopia

70.2196, 0.3603, 0.3859

Deuteranopia

70.2305, 0.3689, 0.3614



Tritanopia

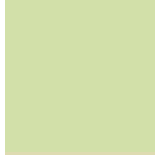
70.8694, 0.2735, 0.3086

Trichromacy



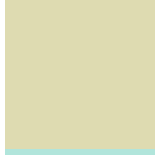
Original Color

70.9077, 0.3060, 0.4040



Protanomaly

69.8775, 0.3391, 0.3923



Deuteranomaly

69.3670, 0.3438, 0.3762



Tritanomaly

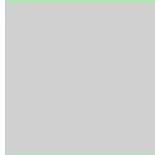
70.5002, 0.2848, 0.3407

Monochromacy



Original Color

70.9077, 0.3060, 0.4040



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

65.5977, 0.3101, 0.3551

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.9077, 0.3060, 0.4040 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(169, 235, 174)` looks like.

```
.text, #text, p{  
    color:rgb(169, 235, 174)  
}
```

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(169, 235, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 235, 174) }
```

Border

The CSS property to change the border of an element to Yxy 70.9077, 0.3060, 0.4040 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(169, 235, 174) }
```

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

```
.border{ border-color:rgb(169, 235, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 235, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 235, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 235, 174);  
box-shadow:4px 4px 4px 4px rgb(169, 235,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 70.9077, 0.3060, 0.4040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 235, 174) }
```

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

```
.background{ background-color: rgb(169,  
235, 174) }
```

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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