

Converting Colors

$Yxy(78.4811, 0.3099, 0.4037)$

Have a look what the booklet for
Yxy(78.4811, 0.3099, 0.4037)
contains.

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Color

Yxy(78.5861, 0.3098, 0.4039)

Conversions

Conversions Part 1

Format	Color
Hex	B6F5B5
RGB	182, 245, 181
RGB Percent	71%, 96%, 71%
CMY	0.2864, 0.0392, 0.2902
CMYK	0.26, 0.00, 0.26, 0.04
HSL	119°, 76%, 84%
HSV	119°, 26%, 96%
XYZ	60.2772, 78.5861, 55.7049
YIQ	218.8670, -17.0040, -33.2600

Conversions

Conversions Part 2

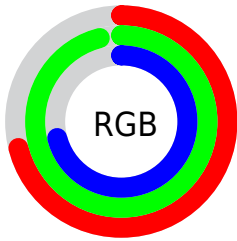
Format	Color
RYB	181, 245, 244
Decimal	11990453
CIELab	91.05, -31.83, 24.60
CIELCh	91, 40.231, 142.296
Yxy	78.5861, 0.3098, 0.4039
Android (android.graphics.Color)	4290180533 (0xFFB6F5B5)
YUV	218.8670, -18.6684, -32.3324
Hunter-Lab	88.6488, -33.7634, 24.7977

Details

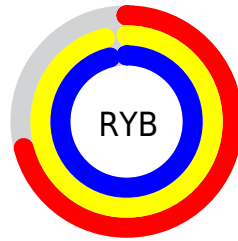
The Yxy color **78.5861, 0.3098, 0.4039** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **58.8813, 0.3150, 0.2637**, and the grayscale version is **70.8787, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9851, 0.3131, 0.3469**, and **42.1141, 0.3084, 0.4219** is the 20% darker color. If you saturate the color by 10%, you get **74.9819, 0.3084, 0.4382**, and if you desaturate by 10%, it is **82.8800, 0.3111, 0.3725**.

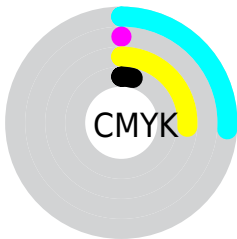
Distribution



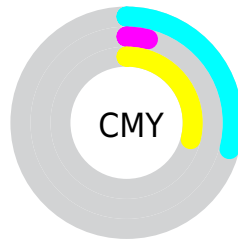
- Red (71%)
- Green (96%)
- Blue (71%)



- Red (71%)
- Yellow (96%)
- Blue (96%)



- Cyan (26%)
- Magenta (0%)
- Yellow (26%)
- Black (4%)





- Cyan (29%)
- Magenta (4%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.5861, 0.3098, 0.4039 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 78.5861, 0.3098, 0.4039 by changing the saturation by 10% instead.


 78.5861, 0.3098,
0.4039

 78.5861, 0.3098,
0.4039


490.1550, 0.3120,
0.3681

 58.5556, 0.3091,
0.4123


 131.3760, 0.3107,
0.3913

 42.2555, 0.3081,
0.4229


164.9042, 0.3111,
0.3864

 29.3014, 0.3066,
0.4364


203.7003, 0.3113,
0.3823

 19.3089, 0.3043,
0.4544

248.1489, 0.3115,
0.3787

 11.8937, 0.3006,
0.4794

298.6343, 0.3117,
0.3755

 6.6713, 0.2939,
0.5161


355.5408, 0.3118,


 3.2574, 0.2806,


0.3728


0.5752


419.2529, 0.3119,
0.3703

 1.2676, 0.2331,
0.7669


 0.1159, 0.0000,
1.0000

 78.5861, 0.3098,
0.4039


 78.5861, 0.3098,
0.4039


 74.9819, 0.3084,
0.4382


 82.8800, 0.3111,
0.3725

 72.0223, 0.3068,
0.4741

 87.8863, 0.3121,
0.3444

 69.6721, 0.3052,
0.5097

 93.6390, 0.3131,
0.3199

 67.8890, 0.3036,
0.5424

 93.7927, 0.3132,
0.3195

■ 66.6251, 0.3022,
0.5691

■ 65.8247, 0.3011,
0.5878

■ 65.4194, 0.3003,
0.5976

■ 65.3366, 0.3002,
0.5998

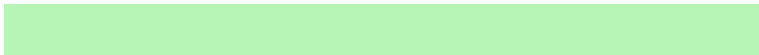
Harmonies

Analogous

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



78.5861, 0.3561, 0.4144



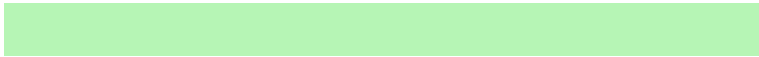
78.5861, 0.3098, 0.4039



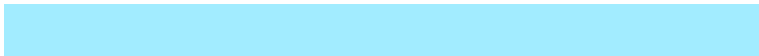
78.5861, 0.2664, 0.3675

Triad

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



78.5861, 0.3098, 0.4039



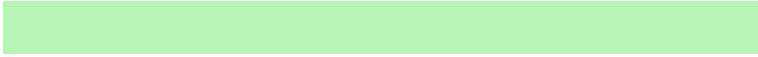
78.5861, 0.2368, 0.2580



78.5861, 0.3946, 0.3290

Complementary

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



78.5861, 0.3098, 0.4039



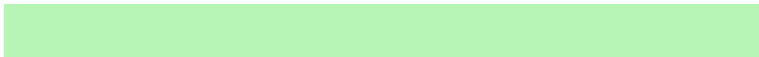
58.8813, 0.3150, 0.2637

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.



78.5861, 0.3578, 0.2936



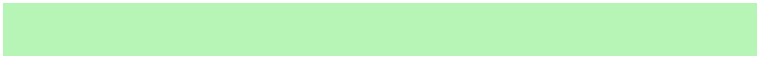
78.5861, 0.3098, 0.4039



78.5861, 0.2662, 0.2540

Square

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



78.5861, 0.3098, 0.4039



78.5861, 0.2264, 0.2808



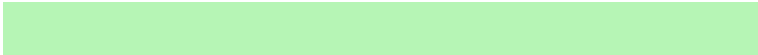
78.5861, 0.3099, 0.2670



78.5861, 0.4072, 0.3666

Rectangle

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



78.5861, 0.3098, 0.4039



78.5861, 0.2446, 0.3361



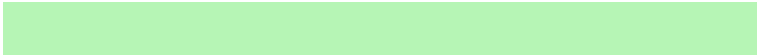
78.5861, 0.3099, 0.2670



78.5861, 0.3845, 0.3166

Sweetspot

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



78.5894, 0.3098, 0.4039



95.1416, 0.3119, 0.3495



87.4199, 0.3525, 0.3934



20.1812, 0.3118, 0.3536



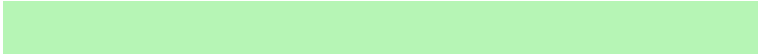
0.0000, 0.0000, 0.0000



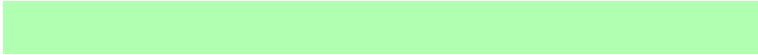
21.4041, 0.3127, 0.3290

Same Dimension

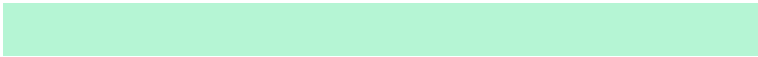
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.5894, 0.3098, 0.4039



84.0166, 0.3091, 0.4205



79.8865, 0.2920, 0.3668



18.4839, 0.3118, 0.3535



35.1992, 0.3003, 0.5997



3.0978, 0.3011, 0.5991

Inverse Universe

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



58.8813, 0.3150, 0.2637



59.2854, 0.3154, 0.2514



57.3200, 0.3404, 0.2941



16.7548, 0.3136, 0.3057



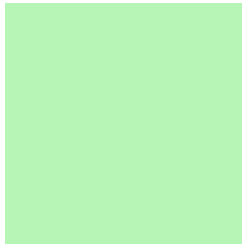
13.6605, 0.3172, 0.1521



1.2046, 0.3177, 0.1524

Previews

White Background



This preview shows how the Yxy color 78.5861, 0.3098, 0.4039 looks on a white background.

Color Contrast Check

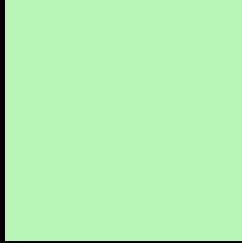
Large Text (above 18pt) WCAG AA × Fail

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 78.5861, 0.3098, 0.4039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

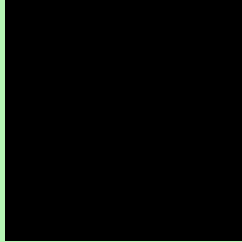
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.5861, 0.3098, 0.4039

Background



This preview shows how black text looks on a background with the Yxy color 78.5861, 0.3098, 0.4039.

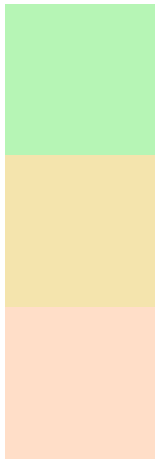


This preview shows how white text looks on a background with the Yxy color 78.5861, 0.3098, 0.4039.

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

78.5861, 0.3098, 0.4039

Protanopia

77.7370, 0.3611, 0.3867

Deuteranopia

77.6727, 0.3520, 0.3515



Tritanopia

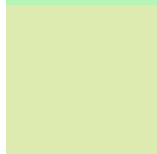
78.1745, 0.2766, 0.3085

Trichromacy



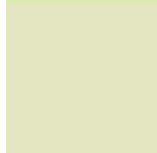
Original Color

78.5861, 0.3098, 0.4039



Protanomaly

77.3524, 0.3407, 0.3929



Deuteranomaly

76.9379, 0.3354, 0.3691



Tritanomaly

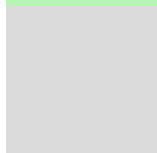
78.2262, 0.2887, 0.3424

Monochromacy



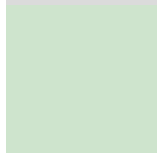
Original Color

78.5861, 0.3098, 0.4039



Achromatopsia

70.8376, 0.3127, 0.3290



Achromatomaly

73.0164, 0.3122, 0.3550

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.5861, 0.3098, 0.4039 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(182, 245, 181)` looks like.

```
.text, #text, p{  
    color:rgb(182, 245, 181)  
}
```

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(182, 245, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 245, 181) }
```

Border

The CSS property to change the border of an element to Yxy 78.5861, 0.3098, 0.4039 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(182, 245, 181) }
```

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

```
.border{ border-color:rgb(182, 245, 181) }
```

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

Here you see how a box with a 4 pixel rgb(182, 245, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 245, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 245, 181);  
box-shadow:4px 4px 4px 4px rgb(182, 245,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 78.5861, 0.3098, 0.4039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 245, 181) }
```

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

```
.background{ background-color: rgb(182,  
245, 181) }
```

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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