

Converting Colors

$Yxy(78.4628, 0.3268, 0.4200)$

Have a look what the booklet for
Yxy(78.4628, 0.3268, 0.4200)
contains.

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Color

Yxy(78.2871, 0.3269, 0.4189)

Conversions

Conversions Part 1

Format	Color
Hex	C2F3A5
RGB	194, 243, 165
RGB Percent	76%, 95%, 65%
CMY	0.2392, 0.0470, 0.3528
CMYK	0.20, 0.00, 0.32, 0.05
HSL	98°, 76%, 80%
HSV	98°, 32%, 95%
XYZ	61.0935, 78.2871, 47.5068
YIQ	219.4570, -4.1660, -34.6460

Conversions

Conversions Part 2

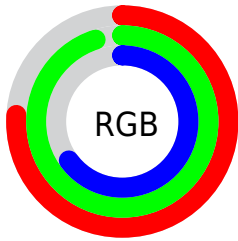
Format	Color
RYB	165, 243, 214
Decimal	12776357
CIELab	90.91, -29.31, 32.64
CIELCh	91, 43.869, 131.930
Yxy	78.2871, 0.3269, 0.4189
Android (android.graphics.Color)	4290966437 (0xFFC2F3A5)
YUV	219.4570, -26.8473, -22.3258
Hunter-Lab	88.4800, -31.5897, 30.1020

Details

The Yxy color **78.2871, 0.3269, 0.4189** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **47.6986, 0.2927, 0.2433**, and the grayscale version is **71.3690, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2497, 0.3301, 0.3624**, and **42.1995, 0.3287, 0.4425** is the 20% darker color. If you saturate the color by 10%, you get **75.5696, 0.3302, 0.4506**, and if you desaturate by 10%, it is **81.3872, 0.3229, 0.3885**.

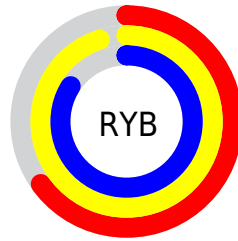
Distribution



Red (76%)

Green (95%)

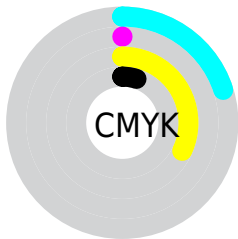
Blue (65%)



Red (65%)

Yellow (95%)

Blue (84%)

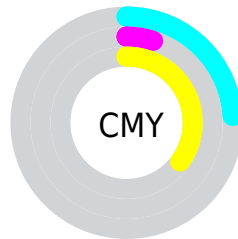


Cyan (20%)

Magenta (0%)

Yellow (32%)

Black (5%)



Cyan (24%)


Magenta (5%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.2871, 0.3269, 0.4189 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 78.2871, 0.3269, 0.4189 by changing the saturation by 10% instead.

 78.2871, 0.3269,
0.4189


 78.2871, 0.3269,
0.4189


489.1413, 0.3216,
0.3760

 58.3099, 0.3277,
0.4289


 130.9548, 0.3254,
0.4038

 42.0578, 0.3286,
0.4414


 164.4140, 0.3247,
0.3980

 29.1466, 0.3293,
0.4574


203.1360, 0.3240,
0.3930

 19.1917, 0.3296,
0.4783

247.5051, 0.3235,
0.3887

 11.8089, 0.3289,
0.5070

297.9058, 0.3230,
0.3849

 6.6137, 0.3255,
0.5479

354.7225, 0.3225,


 3.2217, 0.3245,


0.3816


0.6289


418.3395, 0.3220,
0.3787


 1.2485, 0.2573,
0.7427


 0.1008, 0.0000,
1.0000


 78.2871, 0.3269,
0.4189


 78.2871, 0.3269,
0.4189


 75.5696, 0.3302,
0.4506


 81.3872, 0.3229,
0.3885


 73.2087, 0.3323,
0.4824

 84.8746, 0.3184,
0.3600

 71.1909, 0.3329,
0.5126

 88.7664, 0.3137,
0.3341

 69.4974, 0.3318,
0.5394

 92.5827, 0.3133,
0.3175

■ 68.1073, 0.3288,
0.5610

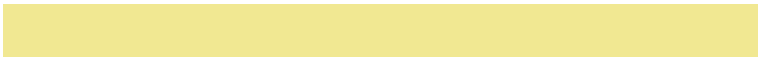
■ 66.9966, 0.3242,
0.5763

■ 66.2900, 0.3199,
0.5842

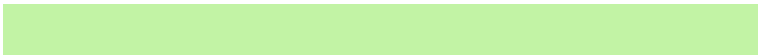
Harmonies

Analogous

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



78.2871, 0.3751, 0.4189



78.2871, 0.3269, 0.4189



78.2871, 0.2771, 0.3876

Triad

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



78.2871, 0.3269, 0.4189



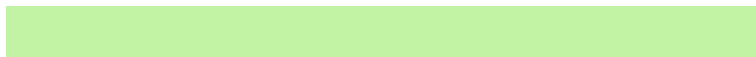
78.2871, 0.2241, 0.2580



78.2871, 0.3907, 0.3147

Complementary

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



78.2871, 0.3269, 0.4189



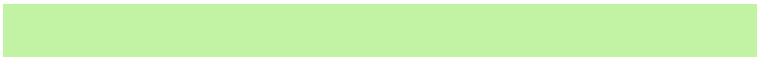
47.6986, 0.2927, 0.2433

Split Complementary

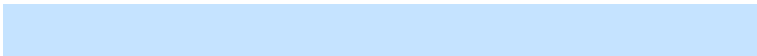
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.2871, 0.3442, 0.2793



78.2871, 0.3269, 0.4189



78.2871, 0.2489, 0.2470

Square

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



78.2871, 0.3269, 0.4189



78.2871, 0.2205, 0.2892



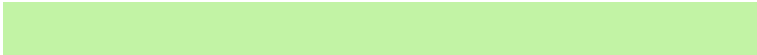
78.2871, 0.2918, 0.2551



78.2871, 0.4146, 0.3553

Rectangle

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



78.2871, 0.3269, 0.4189



78.2871, 0.2498, 0.3547



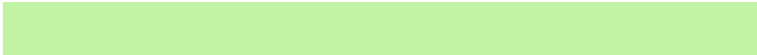
78.2871, 0.2918, 0.2551



78.2871, 0.3770, 0.3020

Sweetspot

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



78.2905, 0.3269, 0.4189



95.5511, 0.3174, 0.3545



69.4208, 0.3704, 0.3805



20.3260, 0.3181, 0.3583



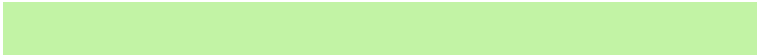
0.0000, 0.0000, 0.0000



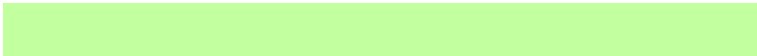
21.4041, 0.3127, 0.3290

Same Dimension

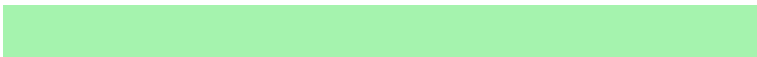
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.2905, 0.3269, 0.4189



85.4743, 0.3290, 0.4379



75.1677, 0.3033, 0.4128



18.7718, 0.3172, 0.3531



36.4518, 0.3210, 0.5834



3.2602, 0.3306, 0.5757

Inverse Universe

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



47.6986, 0.2927, 0.2433



46.7684, 0.2878, 0.2262



51.9154, 0.3238, 0.2576



16.4428, 0.3078, 0.3052



7.3333, 0.2295, 0.1038



0.7029, 0.2409, 0.1101

Previews

White Background



This preview shows how the Yxy color 78.2871, 0.3269, 0.4189 looks on a white background.

Color Contrast Check

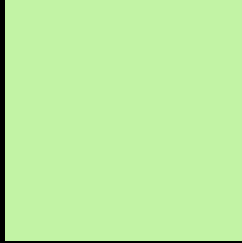
Large Text (above 18pt) WCAG AA × Fail

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 78.2871, 0.3269, 0.4189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

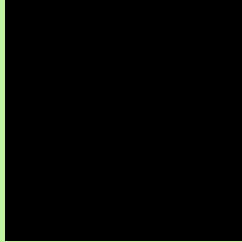
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

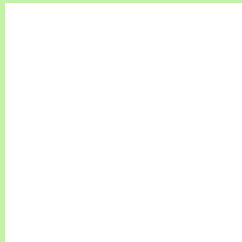
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.2871, 0.3269, 0.4189

Background



This preview shows how black text looks on a background with the Yxy color 78.2871, 0.3269, 0.4189.

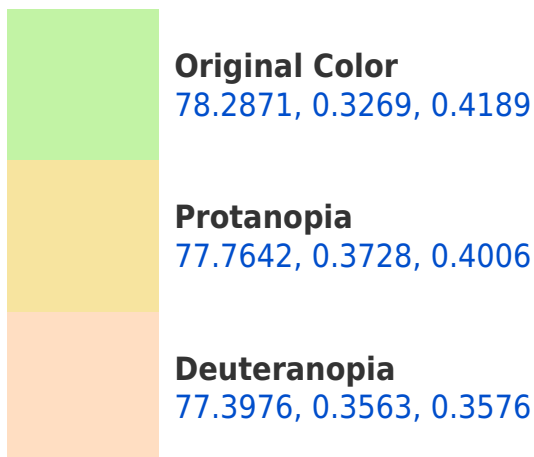


This preview shows how white text looks on a background with the Yxy color 78.2871, 0.3269, 0.4189.

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

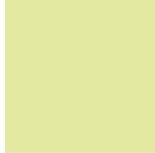
77.9437, 0.2852, 0.3087

Trichromacy



Original Color

78.2871, 0.3269, 0.4189



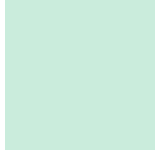
Protanomaly

77.3450, 0.3556, 0.4071



Deuteranomaly

77.3362, 0.3457, 0.3795



Tritanomaly

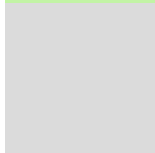
77.7148, 0.3001, 0.3467

Monochromacy



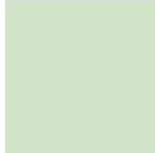
Original Color

78.2871, 0.3269, 0.4189



Achromatopsia

70.8376, 0.3127, 0.3290



Achromatomaly

73.3120, 0.3188, 0.3616

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.2871, 0.3269, 0.4189 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(194, 243, 165)` looks like.

```
.text, #text, p{  
    color:rgb(194, 243, 165)  
}
```

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(194, 243, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 243, 165) }
```

Border

The CSS property to change the border of an element to Yxy 78.2871, 0.3269, 0.4189 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(194, 243, 165) }
```

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

```
.border{ border-color:rgb(194, 243, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 243, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 243, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 243, 165);  
box-shadow:4px 4px 4px 4px rgb(194, 243,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 78.2871, 0.3269, 0.4189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 243, 165) }
```

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

```
.background{ background-color: rgb(194,  
243, 165) }
```

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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