

Converting Colors

$Yxy(78.8123, 0.3101, 0.3843)$

Have a look what the booklet for
Yxy(78.8123, 0.3101, 0.3843)
contains.

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Color

Yxy(78.8686, 0.3101, 0.3838)

Conversions

Conversions Part 1

Format	Color
Hex	C2F2C2
RGB	194, 242, 194
RGB Percent	76%, 95%, 76%
CMY	0.2395, 0.0509, 0.2392
CMYK	0.20, 0.00, 0.20, 0.05
HSL	120°, 65%, 85%
HSV	120°, 20%, 95%
XYZ	63.7237, 78.8686, 62.9017
YIQ	222.1760, -13.2000, -25.1040

Conversions

Conversions Part 2

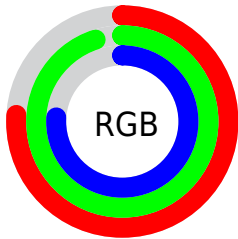
Format	Color
RYB	194, 242, 242
Decimal	12776130
CIELab	91.17, -24.35, 18.21
CIELCh	91, 30.406, 143.200
Yxy	78.8686, 0.3101, 0.3838
Android (android.graphics.Color)	4290966210 (0xFFC2F2C2)
YUV	222.1760, -13.8908, -24.7104
Hunter-Lab	88.8080, -27.3323, 20.1711

Details

The Yxy color **78.8686, 0.3101, 0.3838** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.8406, 0.3151, 0.2797**, and the grayscale version is **73.2774, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9943, 0.3125, 0.3328**, and **42.5867, 0.3095, 0.3981** is the 20% darker color. If you saturate the color by 10%, you get **74.9286, 0.3085, 0.4164**, and if you desaturate by 10%, it is **83.5133, 0.3115, 0.3545**.

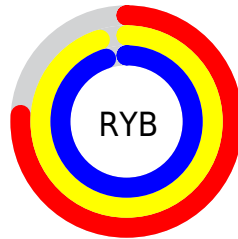
Distribution



Red (76%)

Green (95%)

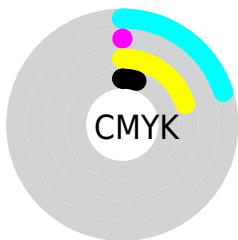
Blue (76%)



Red (76%)

Yellow (95%)

Blue (95%)

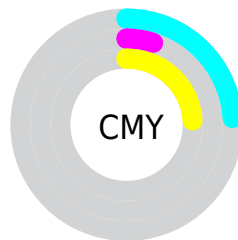


Cyan (20%)

Magenta (0%)

Yellow (20%)

Black (5%)



Cyan (24%)


Magenta (5%)


Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.8686, 0.3101, 0.3838 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 78.8686, 0.3101, 0.3838 by changing the saturation by 10% instead.

 78.8686, 0.3101,
0.3838

 78.8686, 0.3101,
0.3838

491.1117, 0.3118,
0.3579

 58.7878, 0.3096,
0.3898


 131.7739, 0.3108,
0.3747

 42.4423, 0.3089,
0.3974

165.3671, 0.3110,
0.3712

 29.4478, 0.3080,
0.4070


204.2332, 0.3112,
0.3682

 19.4198, 0.3066,
0.4198

248.7567, 0.3113,
0.3656

 11.9740, 0.3044,
0.4375

299.3219, 0.3115,
0.3633

 6.7260, 0.3005,
0.4636


356.3132, 0.3116,


 3.2913, 0.2929,

0.3613

0.5053


420.1150, 0.3117,
0.3595


 1.2857, 0.2996,
0.6624

 0.1301, 0.0000,
1.0000

 78.8686, 0.3101,
0.3838


 78.8686, 0.3101,
0.3838


 74.9286, 0.3085,
0.4164

 83.5133, 0.3115,
0.3545

 71.6495, 0.3069,
0.4516

 88.8841, 0.3127,
0.3287

 68.9981, 0.3052,
0.4878

 91.9971, 0.3133,
0.3166

 66.9344, 0.3035,
0.5226

■ 65.4136, 0.3021,
0.5534

■ 64.3848, 0.3010,
0.5774

■ 63.7871, 0.3003,
0.5927

■ 63.5206, 0.3000,
0.5999

■ 63.5179, 0.3000,
0.5999

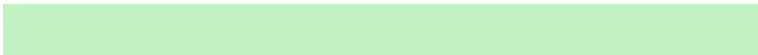
Harmonies

Analogous

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



78.8686, 0.3453, 0.3931



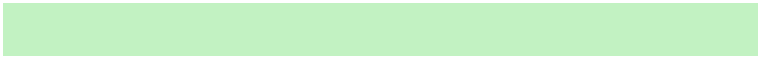
78.8686, 0.3101, 0.3838



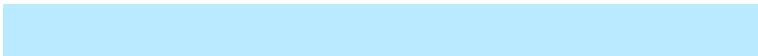
78.8686, 0.2769, 0.3568

Triad

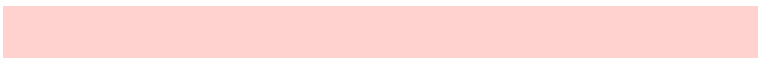
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.8686, 0.3101, 0.3838



78.8686, 0.2549, 0.2745



78.8686, 0.3749, 0.3307

Complementary

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



78.8686, 0.3101, 0.3838



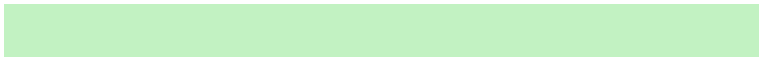
63.8406, 0.3151, 0.2797

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.



78.8686, 0.3479, 0.3028



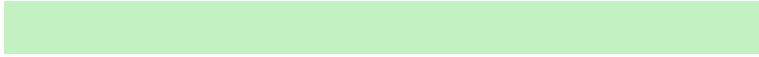
78.8686, 0.3101, 0.3838



78.8686, 0.2783, 0.2712

Square

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



78.8686, 0.3101, 0.3838



78.8686, 0.2463, 0.2923



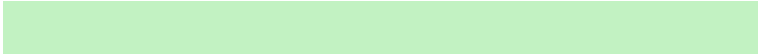
78.8686, 0.3121, 0.2815



78.8686, 0.3839, 0.3597

Rectangle

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



78.8686, 0.3101, 0.3838



78.8686, 0.2601, 0.3338



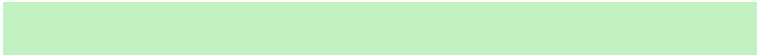
78.8686, 0.3121, 0.2815



78.8686, 0.3675, 0.3209

Sweetspot

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



78.8720, 0.3101, 0.3838



96.2676, 0.3120, 0.3441



86.2900, 0.3427, 0.3786



20.5222, 0.3119, 0.3458



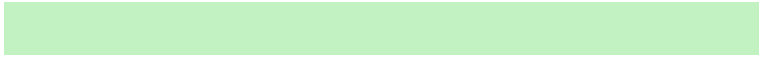
0.0000, 0.0000, 0.0000



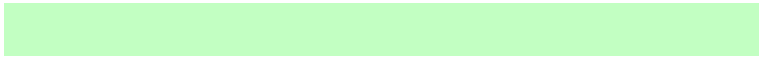
21.4041, 0.3127, 0.3290

Same Dimension

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



78.8720, 0.3101, 0.3838



86.8530, 0.3095, 0.3971



80.0376, 0.2963, 0.3558



17.6568, 0.3116, 0.3534



34.1156, 0.3000, 0.5999



2.8382, 0.2999, 0.5997

Inverse Universe

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



63.8406, 0.3151, 0.2797



66.9688, 0.3156, 0.2692



62.4934, 0.3331, 0.3036



16.0310, 0.3138, 0.3058



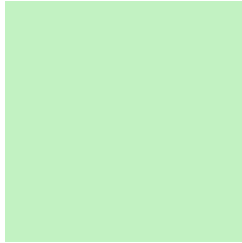
13.5737, 0.3213, 0.1544



1.1293, 0.3212, 0.1543

Previews

White Background



This preview shows how the Yxy color 78.8686, 0.3101, 0.3838 looks on a white background.

Color Contrast Check

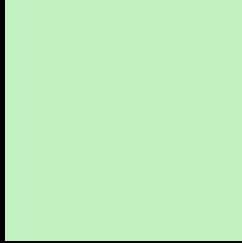
Large Text (above 18pt) WCAG AA × Fail

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 78.8686, 0.3101, 0.3838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

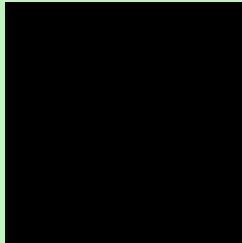
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

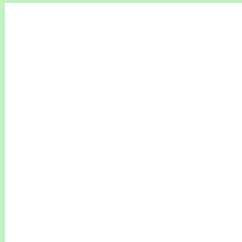
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.8686, 0.3101, 0.3838

Background



This preview shows how black text looks on a background with the Yxy color 78.8686, 0.3101, 0.3838.

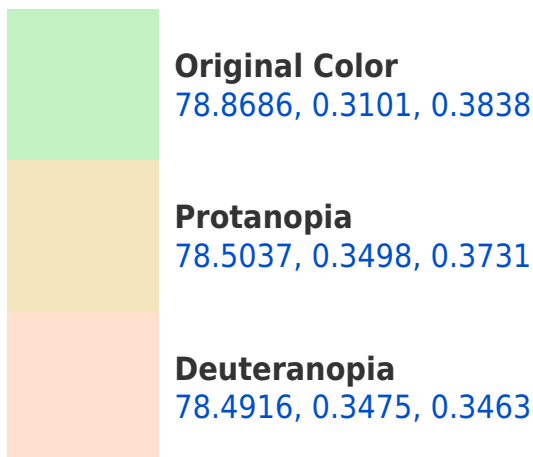


This preview shows how white text looks on a background with the Yxy color 78.8686, 0.3101, 0.3838.

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

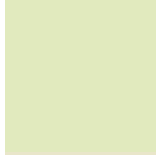
78.7749, 0.2824, 0.3087

Trichromacy



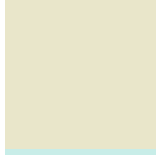
Original Color

78.8686, 0.3101, 0.3838



Protanomaly

78.5709, 0.3346, 0.3768



Deuteranomaly

78.1815, 0.3330, 0.3588



Tritanomaly

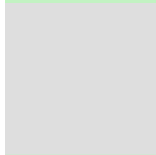
78.6739, 0.2919, 0.3344

Monochromacy



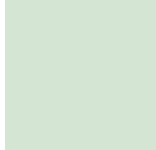
Original Color

78.8686, 0.3101, 0.3838



Achromatopsia

73.0461, 0.3127, 0.3290



Achromatomaly

74.7891, 0.3118, 0.3478

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.8686, 0.3101, 0.3838 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, 242, 194)` looks like.

```
.text, #text, p{  
    color:rgb(194, 242, 194)  
}
```

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, 242, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 242, 194) }
```

Border

The CSS property to change the border of an element to Yxy 78.8686, 0.3101, 0.3838 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, 242, 194) }
```

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

```
.border{ border-color:rgb(194, 242, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 242, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 242, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 242, 194);  
box-shadow:4px 4px 4px 4px rgb(194, 242,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 78.8686, 0.3101, 0.3838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 242, 194) }
```

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

```
.background{ background-color: rgb(194,  
242, 194) }
```

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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