

Converting Colors

$Yxy(74.2066, 0.3237, 0.3938)$

Have a look what the booklet for
Yxy(74.2066, 0.3237, 0.3938)
contains.

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Color

Yxy(74.2021, 0.3238, 0.3938)

Conversions

Conversions Part 1

Format	Color
Hex	C7EAB2
RGB	199, 234, 178
RGB Percent	78%, 92%, 70%
CMY	0.2196, 0.0823, 0.3021
CMYK	0.15, 0.00, 0.24, 0.08
HSL	97°, 57%, 81%
HSV	97°, 24%, 92%
XYZ	61.0123, 74.2021, 53.2115
YIQ	217.1510, -2.8840, -24.8360

Conversions

Conversions Part 2

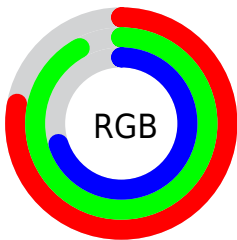
Format	Color
RYB	178, 234, 213
Decimal	13101746
CIELab	89.02, -21.35, 23.53
CIElCh	89, 31.770, 132.215
Yxy	74.2021, 0.3238, 0.3938
Android (android.graphics.Color)	4291291826 (0xFFC7EAB2)
YUV	217.1510, -19.3014, -15.9184
Hunter-Lab	86.1406, -24.3169, 23.6734

Details

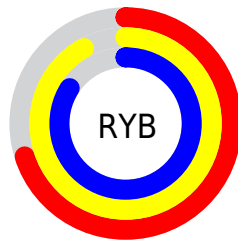
The Yxy color **74.2021, 0.3238, 0.3938** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **51.9119, 0.2986, 0.2663**, and the grayscale version is **69.6353, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **39.3412, 0.3261, 0.4099** is the 20% darker color. If you saturate the color by 10%, you get **71.4402, 0.3278, 0.4244**, and if you desaturate by 10%, it is **77.3228, 0.3193, 0.3651**.

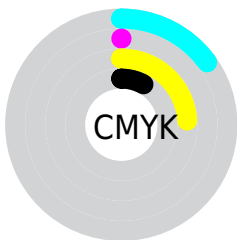
Distribution



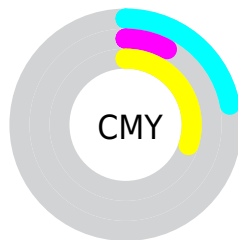
- Red (78%)
- Green (92%)
- Blue (70%)



- Red (70%)
- Yellow (92%)
- Blue (84%)



- Cyan (15%)
- Magenta (0%)
- Yellow (24%)
- Black (8%)





- Cyan (22%)
- Magenta (8%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.2021, 0.3238, 0.3938 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 74.2021, 0.3238, 0.3938 by changing the saturation by 10% instead.


 74.2021, 0.3238,
0.3938

 74.2021, 0.3238,
0.3938


475.1706, 0.3193,
0.3629

 54.9595, 0.3247,
0.4011


 125.1823, 0.3224,
0.3829

 39.3693, 0.3256,
0.4102

157.6886, 0.3218,
0.3787

 27.0471, 0.3267,
0.4218


195.3849, 0.3212,
0.3751

 17.6086, 0.3278,
0.4374

238.6556, 0.3208,
0.3720

 10.6694, 0.3287,
0.4589

287.8852, 0.3203,
0.3693

 5.8450, 0.3287,
0.4906

343.4579, 0.3200,

 2.7510, 0.3275,

0.3669

0.5444

405.7583, 0.3196,
0.3648

1.0032, 0.2989,
0.7011

0.0000, 0.0000,
0.0000

74.2021, 0.3238,
0.3938

74.2021, 0.3238,
0.3938

71.4402, 0.3278,
0.4244

77.3228, 0.3193,
0.3651

69.0138, 0.3309,
0.4562

80.8052, 0.3146,
0.3387

66.9117, 0.3328,
0.4876

84.6648, 0.3098,
0.3149

65.1183, 0.3332,
0.5173

87.3279, 0.3137,
0.3088

■ 63.6163, 0.3318,
0.5432

■ 62.3864, 0.3286,
0.5637

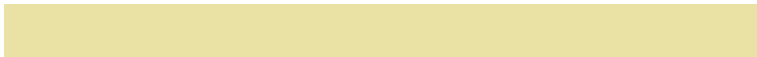
■ 61.4063, 0.3237,
0.5778

■ 60.9164, 0.3204,
0.5838

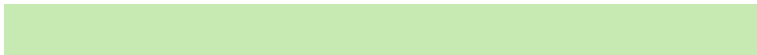
Harmonies

Analogous

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



74.2021, 0.3595, 0.3956



74.2021, 0.3238, 0.3938



74.2021, 0.2866, 0.3710

Triad

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



74.2021, 0.3238, 0.3938



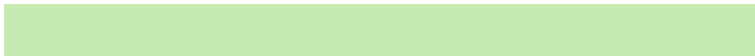
74.2021, 0.2459, 0.2761



74.2021, 0.3703, 0.3193

Complementary

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



74.2021, 0.3238, 0.3938



51.9119, 0.2986, 0.2663

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.



74.2021, 0.3367, 0.2918



74.2021, 0.3238, 0.3938



74.2021, 0.2653, 0.2671

Square

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



74.2021, 0.3238, 0.3938



74.2021, 0.2431, 0.3002



74.2021, 0.2980, 0.2731



74.2021, 0.3877, 0.3504

Rectangle

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



74.2021, 0.3238, 0.3938



74.2021, 0.2658, 0.3478



74.2021, 0.2980, 0.2731



74.2021, 0.3604, 0.3094

Sweetspot

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



74.2053, 0.3238, 0.3938



96.8500, 0.3161, 0.3466



68.0567, 0.3539, 0.3669



20.6740, 0.3164, 0.3481



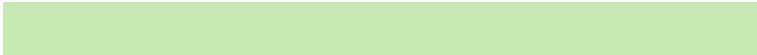
0.0000, 0.0000, 0.0000



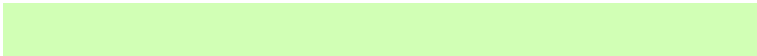
21.4041, 0.3127, 0.3290

Same Dimension

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



74.2053, 0.3238, 0.3938



88.3873, 0.3259, 0.4095



71.7920, 0.3057, 0.3885



17.1377, 0.3172, 0.3530



34.2966, 0.3215, 0.5829



2.7465, 0.3323, 0.5744

Inverse Universe

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



51.9119, 0.2986, 0.2663



56.6565, 0.2948, 0.2518



54.8954, 0.3206, 0.2760



15.0148, 0.3078, 0.3054



6.8531, 0.2288, 0.1034



0.5928, 0.2415, 0.1104

Previews

White Background



This preview shows how the Yxy color 74.2021, 0.3238, 0.3938 looks on a white background.

Color Contrast Check

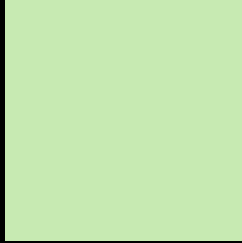
Large Text (above 18pt) WCAG AA × Fail

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 74.2021, 0.3238, 0.3938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

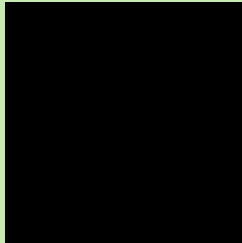
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

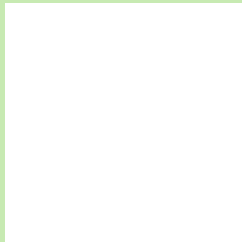
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.2021, 0.3238, 0.3938

Background



This preview shows how black text looks on a background with the Yxy color 74.2021, 0.3238, 0.3938.

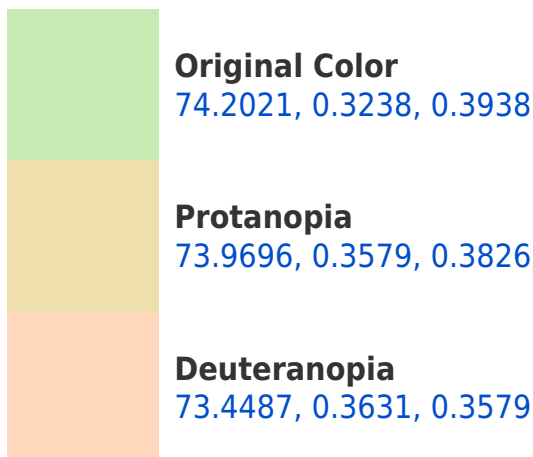


This preview shows how white text looks on a background with the Yxy color 74.2021, 0.3238, 0.3938.

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

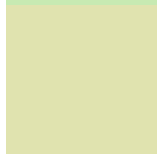
73.8768, 0.2908, 0.3095

Trichromacy



Original Color

74.2021, 0.3238, 0.3938



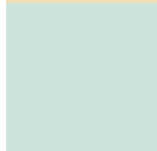
Protanomaly

73.8806, 0.3450, 0.3865



Deuteranomaly

73.3654, 0.3482, 0.3700



Tritanomaly

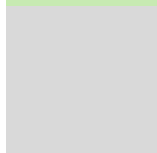
73.5804, 0.3027, 0.3390

Monochromacy



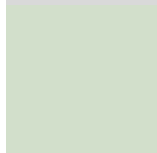
Original Color

74.2021, 0.3238, 0.3938



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

70.7888, 0.3166, 0.3516

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2021, 0.3238, 0.3938 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(199, 234, 178)` looks like.

```
.text, #text, p{  
    color:rgb(199, 234, 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(199, 234, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 234, 178) }
```

Border

The CSS property to change the border of an element to Yxy 74.2021, 0.3238, 0.3938 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(199, 234, 178) }
```

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

```
.border{ border-color:rgb(199, 234, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 234, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 234, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 234, 178);  
box-shadow:4px 4px 4px 4px rgb(199, 234,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2021, 0.3238, 0.3938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 234, 178) }
```

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

```
.background{ background-color: rgb(199,  
234, 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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