

Converting Colors

$Yxy(70.9264, 0.3271, 0.3916)$

Have a look what the booklet for
Yxy(70.9264, 0.3271, 0.3916)
contains.

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Color

Yxy(70.8613, 0.3271, 0.3909)

Conversions

Conversions Part 1

Format	Color
Hex	C8E4AF
RGB	200, 228, 175
RGB Percent	78%, 89%, 69%
CMY	0.2158, 0.1058, 0.3136
CMYK	0.12, 0.00, 0.23, 0.11
HSL	92°, 50%, 79%
HSV	92°, 23%, 89%
XYZ	59.2958, 70.8613, 51.1202
YIQ	213.5860, 0.3250, -22.4190

Conversions

Conversions Part 2

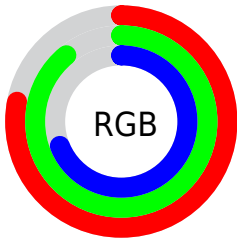
Format	Color
RYB	175, 228, 203
Decimal	13165743
CIELab	87.42, -18.53, 22.86
CIELCh	87, 29.430, 129.028
Yxy	70.8613, 0.3271, 0.3909
Android (android.graphics.Color)	4291355823 (0xFFC8E4AF)
YUV	213.5860, -19.0229, -11.9149
Hunter-Lab	84.1792, -21.5781, 22.9199

Details

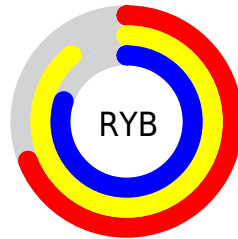
The Yxy color **70.8613, 0.3271, 0.3909** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **48.9764, 0.2950, 0.2677**, and the grayscale version is **67.0816, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5495, 0.3268, 0.3522**, and **37.4033, 0.3304, 0.4077** is the 20% darker color. If you saturate the color by 10%, you get **68.4464, 0.3327, 0.4206**, and if you desaturate by 10%, it is **73.5647, 0.3210, 0.3629**.

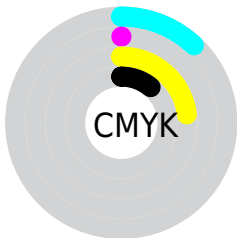
Distribution



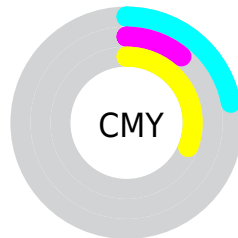
- Red (78%)
- Green (89%)
- Blue (69%)



- Red (69%)
- Yellow (89%)
- Blue (80%)



- Cyan (12%)
- Magenta (0%)
- Yellow (23%)
- Black (11%)




- Cyan (22%)
- Magenta (11%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.8613, 0.3271, 0.3909 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 70.8613, 0.3271, 0.3909 by changing the saturation by 10% instead.


 70.8613, 0.3271,
0.3909

 70.8613, 0.3271,
0.3909


463.5684, 0.3209,
0.3612

 52.2290, 0.3284,
0.3979


 120.4362, 0.3251,
0.3804

 37.1877, 0.3298,
0.4067


152.1476, 0.3243,
0.3764

 25.3528, 0.3315,
0.4180

188.9875, 0.3235,
0.3729

 16.3401, 0.3335,
0.4332

231.3404, 0.3229,
0.3700

 9.7651, 0.3356,
0.4542

279.5905, 0.3223,
0.3674

 5.2435, 0.3374,
0.4854

334.1222, 0.3218,

 2.3908, 0.3420,

0.3651

0.5440

395.3201, 0.3214,
0.3630

0.8212, 0.2855,
0.7145

0.0000, 0.0000,
0.0000

70.8613, 0.3271,
0.3909

70.8613, 0.3271,
0.3909

68.4464, 0.3327,
0.4206

73.5647, 0.3210,
0.3629

66.3003, 0.3374,
0.4510

76.5575, 0.3147,
0.3369

64.4147, 0.3409,
0.4811

79.8521, 0.3085,
0.3133

62.7771, 0.3427,
0.5093

82.7131, 0.3094,
0.3025

■ 61.3741, 0.3424,
0.5341

■ 83.9734, 0.3139,
0.3029

■ 60.1903, 0.3400,
0.5540

■ 59.2078, 0.3355,
0.5680

■ 58.6404, 0.3318,
0.5748

Harmonies

Analogous

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



70.8613, 0.3599, 0.3907



70.8613, 0.3271, 0.3909



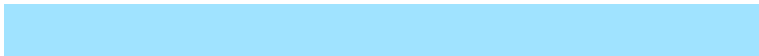
70.8613, 0.2917, 0.3714

Triad

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



70.8613, 0.3271, 0.3909



70.8613, 0.2486, 0.2810



70.8613, 0.3641, 0.3169

Complementary

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



70.8613, 0.3271, 0.3909



48.9764, 0.2950, 0.2677

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.



70.8613, 0.3315, 0.2915



70.8613, 0.3271, 0.3909



70.8613, 0.2654, 0.2708

Square

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



70.8613, 0.3271, 0.3909



70.8613, 0.2477, 0.3052



70.8613, 0.2952, 0.2749



70.8613, 0.3824, 0.3463

Rectangle

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



70.8613, 0.3271, 0.3909



70.8613, 0.2713, 0.3504



70.8613, 0.2952, 0.2749



70.8613, 0.3543, 0.3077

Sweetspot

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



70.8644, 0.3271, 0.3909



97.1553, 0.3171, 0.3465



62.0211, 0.3538, 0.3600



20.7447, 0.3175, 0.3481



0.0000, 0.0000, 0.0000



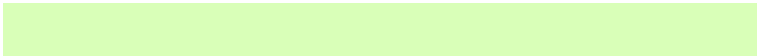
21.4041, 0.3127, 0.3290

Same Dimension

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



70.8644, 0.3271, 0.3909



89.7483, 0.3299, 0.4054



67.7407, 0.3091, 0.3932



16.4201, 0.3187, 0.3528



33.9265, 0.3329, 0.5739



2.5620, 0.3442, 0.5649

Inverse Universe

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



48.9764, 0.2950, 0.2677



56.7680, 0.2904, 0.2535



52.7177, 0.3161, 0.2722



14.2607, 0.3063, 0.3053



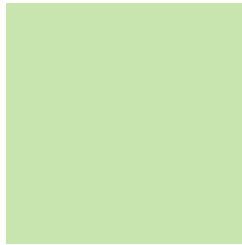
5.6389, 0.2084, 0.0922



0.4719, 0.2238, 0.1006

Previews

White Background



This preview shows how the Yxy color 70.8613, 0.3271, 0.3909 looks on a white background.

Color Contrast Check

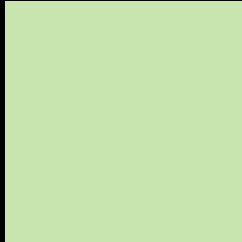
Large Text (above 18pt) WCAG AA × Fail

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 70.8613, 0.3271, 0.3909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

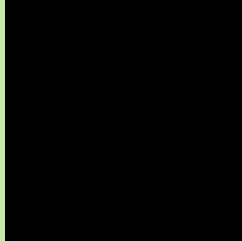
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

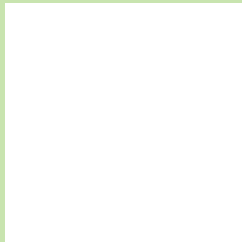
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.8613, 0.3271, 0.3909

Background



This preview shows how black text looks on a background with the Yxy color 70.8613, 0.3271, 0.3909.

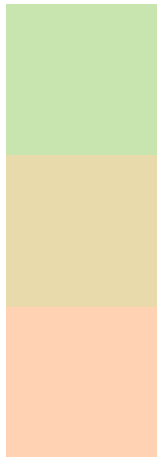


This preview shows how white text looks on a background with the Yxy color 70.8613, 0.3271, 0.3909.

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

70.8613, 0.3271, 0.3909

Protanopia

70.4067, 0.3568, 0.3804

Deuteranopia

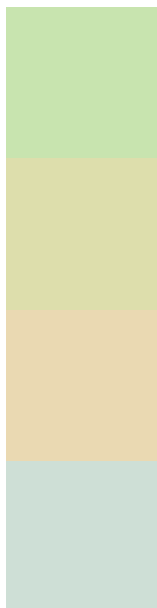
70.4187, 0.3697, 0.3613



Tritanopia

70.8561, 0.2943, 0.3104

Trichromacy



Original Color

70.8613, 0.3271, 0.3909

Protanomaly

70.5933, 0.3458, 0.3851

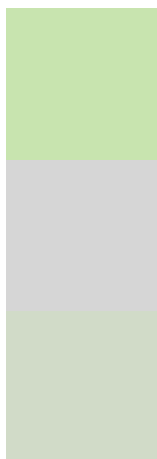
Deuteranomaly

70.3325, 0.3528, 0.3716

Tritanomaly

70.7522, 0.3067, 0.3391

Monochromacy



Original Color

70.8613, 0.3271, 0.3909

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

68.3885, 0.3182, 0.3507

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.8613, 0.3271, 0.3909 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(200, 228, 175)` looks like.

```
.text, #text, p{  
    color:rgb(200, 228, 175)  
}
```

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(200, 228, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 228, 175) }
```

Border

The CSS property to change the border of an element to Yxy 70.8613, 0.3271, 0.3909 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(200, 228, 175) }
```

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

```
.border{ border-color:rgb(200, 228, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 228, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 228, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 228, 175);  
box-shadow:4px 4px 4px 4px rgb(200, 228,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 70.8613, 0.3271, 0.3909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 228, 175) }
```

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

```
.background{ background-color: rgb(200,  
228, 175) }
```

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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