

Converting Colors

$Yxy(70.9831, 0.3419, 0.4211)$

Have a look what the booklet for
Yxy(70.9831, 0.3419, 0.4211)
contains.

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Color

Yxy(71.1074, 0.3419, 0.4213)

Conversions

Conversions Part 1

Format	Color
Hex	C8E697
RGB	200, 230, 151
RGB Percent	78%, 90%, 59%
CMY	0.2156, 0.0980, 0.4078
CMYK	0.13, 0.00, 0.34, 0.10
HSL	83°, 61%, 75%
HSV	83°, 34%, 90%
XYZ	57.7062, 71.1074, 39.9673
YIQ	212.0240, 7.4790, -30.9290

Conversions

Conversions Part 2

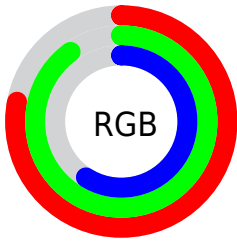
Format	Color
RYB	151, 230, 181
Decimal	13166231
CIELab	87.54, -22.90, 35.31
CIELCh	88, 42.087, 122.964
Yxy	71.1074, 0.3419, 0.4213
Android (android.graphics.Color)	4291356311 (0xFFC8E697)
YUV	212.0240, -30.0848, -10.5450
Hunter-Lab	84.3252, -25.4164, 30.9262

Details

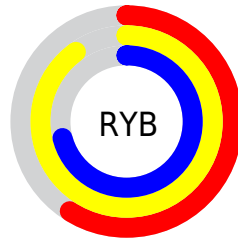
The Yxy color **71.1074, 0.3419, 0.4213** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **37.6751, 0.2743, 0.2327**, and the grayscale version is **66.0593, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2362, 0.3418, 0.3770**, and **37.1927, 0.3472, 0.4443** is the 20% darker color. If you saturate the color by 10%, you get **69.2663, 0.3491, 0.4498**, and if you desaturate by 10%, it is **73.1692, 0.3338, 0.3929**.

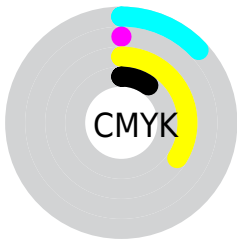
Distribution



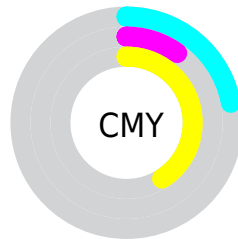
- Red (78%)
- Green (90%)
- Blue (59%)



- Red (59%)
- Yellow (90%)
- Blue (71%)



- Cyan (13%)
- Magenta (0%)
- Yellow (34%)
- Black (10%)





- Cyan (22%)
- Magenta (10%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.1074, 0.3419, 0.4213 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 71.1074, 0.3419, 0.4213 by changing the saturation by 10% instead.

 71.1074, 0.3419,
0.4213

 71.1074, 0.3419,
0.4213


464.4288, 0.3296,
0.3770

 52.4298, 0.3443,
0.4317

 120.7866, 0.3379,
0.4057

 37.3478, 0.3471,
0.4447


 152.5571, 0.3363,
0.3996

 25.4769, 0.3501,
0.4613


189.4607, 0.3348,
0.3945

 16.4327, 0.3533,
0.4830

231.8817, 0.3336,
0.3900

 9.8309, 0.3561,
0.5126

280.2047, 0.3324,
0.3862

 5.2870, 0.3565,
0.5543


334.8139, 0.3314,

 2.4166, 0.3617,


0.3827


0.6383


396.0938, 0.3304,
0.3797


 0.8344, 0.2191,
0.7809


 0.0000, 0.0000,
0.0000


 71.1074, 0.3419,
0.4213


 71.1074, 0.3419,
0.4213


 69.2663, 0.3491,
0.4498


 73.1692, 0.3338,
0.3929


 67.6269, 0.3548,
0.4774


 75.4512, 0.3252,
0.3655


 66.1818, 0.3587,
0.5026

 77.9649, 0.3165,
0.3396


 64.9191, 0.3603,
0.5241


 80.7182, 0.3079,
0.3157

 63.8254, 0.3594,
0.5410

 82.9886, 0.3063,
0.3043

 62.8845, 0.3561,
0.5527

 84.5850, 0.3121,
0.3047

 62.4059, 0.3535,
0.5575

 85.0740, 0.3138,
0.3048

Harmonies

Analogous

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



71.1074, 0.3865, 0.4127



71.1074, 0.3419, 0.4213



71.1074, 0.2916, 0.3991

Triad

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



71.1074, 0.3419, 0.4213



71.1074, 0.2215, 0.2658



71.1074, 0.3779, 0.3035

Complementary

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



71.1074, 0.3419, 0.4213



37.6751, 0.2743, 0.2327

Split Complementary

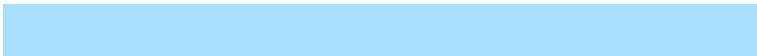
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.1074, 0.3282, 0.2711



71.1074, 0.3419, 0.4213



71.1074, 0.2401, 0.2489

Square

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



71.1074, 0.3419, 0.4213



71.1074, 0.2245, 0.3025



71.1074, 0.2778, 0.2515



71.1074, 0.4097, 0.3430

Rectangle

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



71.1074, 0.3419, 0.4213



71.1074, 0.2617, 0.3697



71.1074, 0.2778, 0.2515



71.1074, 0.3625, 0.2916

Sweetspot

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



71.1105, 0.3419, 0.4213



96.6752, 0.3215, 0.3542



51.6911, 0.3824, 0.3624



20.5976, 0.3227, 0.3579



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.



71.1105, 0.3419, 0.4213



88.2307, 0.3470, 0.4410



66.4629, 0.3147, 0.4296



16.5297, 0.3209, 0.3526



35.4027, 0.3545, 0.5567



2.6690, 0.3639, 0.5493

Inverse Universe

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



37.6751, 0.2743, 0.2327



40.1417, 0.2645, 0.2111



42.9843, 0.3074, 0.2415



14.1524, 0.3039, 0.3051



4.4549, 0.1815, 0.0773



0.3811, 0.1978, 0.0863

Previews

White Background



This preview shows how the Yxy color 71.1074, 0.3419, 0.4213 looks on a white background.

Color Contrast Check

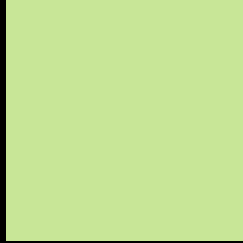
Large Text (above 18pt) WCAG AA × Fail

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 71.1074, 0.3419, 0.4213 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 71.1074, 0.3419, 0.4213

Background



This preview shows how black text looks on a background with the Yxy color 71.1074, 0.3419, 0.4213.

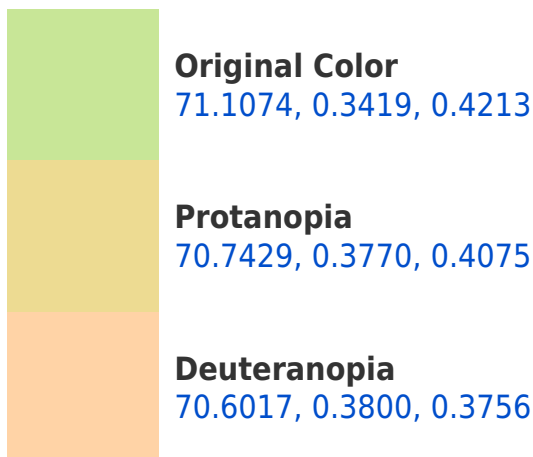


This preview shows how white text looks on a background with the Yxy color 71.1074, 0.3419, 0.4213.

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

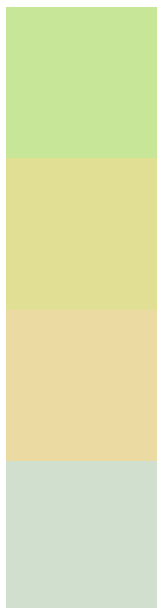




Tritanopia

70.7745, 0.2963, 0.3094

Trichromacy



Original Color

71.1074, 0.3419, 0.4213

Protanomaly

70.7608, 0.3640, 0.4123

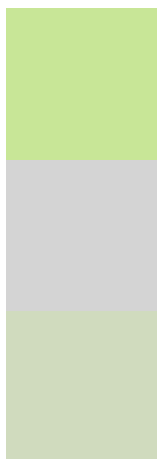
Deuteranomaly

70.3782, 0.3654, 0.3910

Tritanomaly

70.6415, 0.3132, 0.3482

Monochromacy



Original Color

71.1074, 0.3419, 0.4213

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

67.7906, 0.3242, 0.3625

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1074, 0.3419, 0.4213 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, 230, 151)` looks like.

```
.text, #text, p{  
    color:rgb(200, 230, 151)  
}
```

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, 230, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 230, 151) }
```

Border

The CSS property to change the border of an element to Yxy 71.1074, 0.3419, 0.4213 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, 230, 151) }
```

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

```
.border{ border-color:rgb(200, 230, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 230, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 230, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 230, 151);  
box-shadow:4px 4px 4px 4px rgb(200, 230,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1074, 0.3419, 0.4213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 230, 151) }
```

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

```
.background{ background-color: rgb(200,  
230, 151) }
```

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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