

Converting Colors

$Yxy(70.6558, 0.3425, 0.4231)$

Have a look what the booklet for
Yxy(70.6558, 0.3425, 0.4231)
contains.

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Color

Yxy(70.9057, 0.3424, 0.4239)

Conversions

Conversions Part 1

Format	Color
Hex	C7E695
RGB	199, 230, 149
RGB Percent	78%, 90%, 58%
CMY	0.2196, 0.0980, 0.4158
CMYK	0.13, 0.00, 0.35, 0.10
HSL	83°, 62%, 74%
HSV	83°, 35%, 90%
XYZ	57.2732, 70.9057, 39.0910
YIQ	211.4970, 7.5250, -31.7630

Conversions

Conversions Part 2

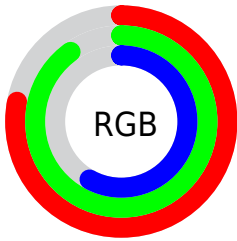
Format	Color
RYB	149, 230, 180
Decimal	13100693
CIELab	87.44, -23.54, 36.20
CIElCh	87, 43.178, 123.036
Yxy	70.9057, 0.3424, 0.4239
Android (android.graphics.Color)	4291290773 (0xFFC7E695)
YUV	211.4970, -30.8110, -10.9599
Hunter-Lab	84.2055, -25.9512, 31.4195

Details

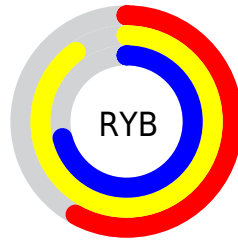
The Yxy color **70.9057, 0.3424, 0.4239** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **36.9028, 0.2733, 0.2300**, and the grayscale version is **65.6919, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1396, 0.3430, 0.3790**, and **37.0645, 0.3477, 0.4476** is the 20% darker color. If you saturate the color by 10%, you get **69.0760, 0.3494, 0.4524**, and if you desaturate by 10%, it is **72.9564, 0.3344, 0.3954**.

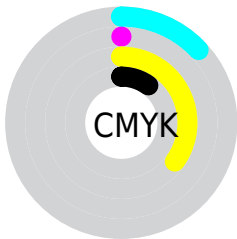
Distribution



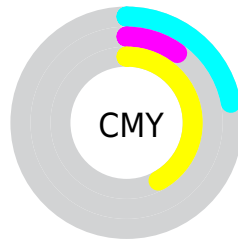
- Red (78%)
- Green (90%)
- Blue (58%)



- Red (58%)
- Yellow (90%)
- Blue (71%)



- Cyan (13%)
- Magenta (0%)
- Yellow (35%)
- Black (10%)




- Cyan (22%)
- Magenta (10%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.9057, 0.3424, 0.4239 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 70.9057, 0.3424, 0.4239 by changing the saturation by 10% instead.


 70.9057, 0.3424,
0.4239


 70.9057, 0.3424,
0.4239


463.7237, 0.3299,
0.3783

 52.2652, 0.3448,
0.4346

 120.4994, 0.3384,
0.4078

 37.2165, 0.3475,
0.4480


 152.2215, 0.3367,
0.4016

 25.3752, 0.3506,
0.4650


189.0729, 0.3353,
0.3963

 16.3568, 0.3536,
0.4874

231.4381, 0.3340,
0.3917

 9.7770, 0.3561,
0.5177

279.7013, 0.3328,
0.3877

 5.2513, 0.3562,
0.5608


334.2471, 0.3317,


 2.3955, 0.3576,


0.3842

0.6424

395.4597, 0.3308,
0.3811

 0.8236, 0.2017,
0.7983

 0.0000, 0.0000,
0.0000


 70.9057, 0.3424,
0.4239


 70.9057, 0.3424,
0.4239


 69.0760, 0.3494,
0.4524


 72.9564, 0.3344,
0.3954

 67.4481, 0.3550,
0.4799

 75.2276, 0.3259,
0.3679


 66.0145, 0.3586,
0.5049


 77.7310, 0.3172,
0.3419

 64.7633, 0.3599,
0.5261

 80.4745, 0.3087,
0.3177

 63.6807, 0.3587,
0.5426

 82.8735, 0.3059,
0.3042

 62.7501, 0.3552,
0.5538

 84.4773, 0.3117,
0.3047

 62.3476, 0.3530,
0.5579

 85.0775, 0.3138,
0.3049

Harmonies

Analogous

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



70.9057, 0.3883, 0.4148



70.9057, 0.3424, 0.4239



70.9057, 0.2908, 0.4011

Triad

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



70.9057, 0.3424, 0.4239



70.9057, 0.2193, 0.2640



70.9057, 0.3798, 0.3029

Complementary

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



70.9057, 0.3424, 0.4239



36.9028, 0.2733, 0.2300

Split Complementary

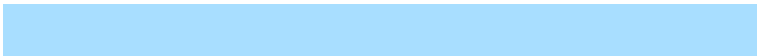
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.9057, 0.3287, 0.2698



70.9057, 0.3424, 0.4239



70.9057, 0.2383, 0.2469

Square

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



70.9057, 0.3424, 0.4239



70.9057, 0.2223, 0.3015



70.9057, 0.2770, 0.2497



70.9057, 0.4123, 0.3432

Rectangle

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



70.9057, 0.3424, 0.4239



70.9057, 0.2602, 0.3707



70.9057, 0.2770, 0.2497



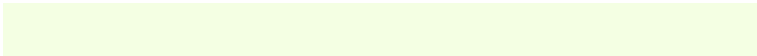
70.9057, 0.3640, 0.2908

Sweetspot

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



70.9088, 0.3424, 0.4239



96.3441, 0.3223, 0.3568



51.1088, 0.3847, 0.3633



20.5306, 0.3235, 0.3604



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.



70.9088, 0.3424, 0.4239



87.9536, 0.3474, 0.4440



66.2178, 0.3147, 0.4326



16.5274, 0.3209, 0.3526



35.3676, 0.3540, 0.5571



2.6665, 0.3635, 0.5496

Inverse Universe

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



36.9028, 0.2733, 0.2300



39.1723, 0.2633, 0.2080



42.2930, 0.3072, 0.2393



14.1546, 0.3040, 0.3051



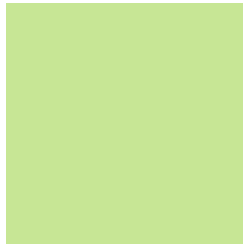
4.4744, 0.1820, 0.0776



0.3827, 0.1983, 0.0866

Previews

White Background



This preview shows how the Yxy color 70.9057, 0.3424, 0.4239 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 70.9057, 0.3424, 0.4239 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 70.9057, 0.3424, 0.4239

Background



This preview shows how black text looks on a background with the Yxy color 70.9057, 0.3424, 0.4239.



This preview shows how white text looks on a background with the Yxy color 70.9057, 0.3424, 0.4239.

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

70.9057, 0.3424, 0.4239

Protanopia

70.6812, 0.3784, 0.4096

Deuteranopia

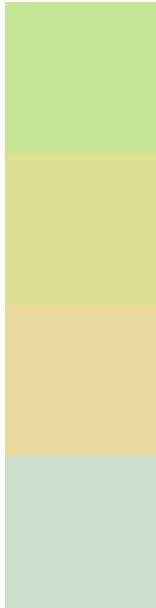
70.5651, 0.3807, 0.3766



Tritanopia

70.6263, 0.2956, 0.3094

Trichromacy



Original Color

70.9057, 0.3424, 0.4239

Protanomaly

70.5387, 0.3646, 0.4147

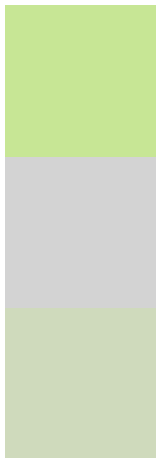
Deuteranomaly

70.3082, 0.3668, 0.3932

Tritanomaly

70.4485, 0.3132, 0.3494

Monochromacy



Original Color

70.9057, 0.3424, 0.4239

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

67.0390, 0.3249, 0.3638

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.9057, 0.3424, 0.4239 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, 230, 149)` looks like.

```
.text, #text, p{  
    color:rgb(199, 230, 149)  
}
```

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, 230, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 230, 149) }
```

Border

The CSS property to change the border of an element to Yxy 70.9057, 0.3424, 0.4239 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, 230, 149) }
```

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

```
.border{ border-color:rgb(199, 230, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 230, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 230, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 230, 149);  
box-shadow:4px 4px 4px 4px rgb(199, 230,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 70.9057, 0.3424, 0.4239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 230, 149) }
```

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

```
.background{ background-color: rgb(199,  
230, 149) }
```

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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