

Converting Colors

Yxy(69.1458, 0.3111, 0.3585)

Have a look what the booklet for
Yxy(69.1458, 0.3111, 0.3585)
contains.

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Color

Yxy(69.3943, 0.3113, 0.3592)

Conversions

Conversions Part 1

Format	Color
Hex	C6E0C6
RGB	198, 224, 198
RGB Percent	78%, 88%, 78%
CMY	0.2235, 0.1216, 0.2235
CMYK	0.12, 0.00, 0.12, 0.12
HSL	120°, 30%, 83%
HSV	120°, 12%, 88%
XYZ	60.1404, 69.3943, 63.6565
YIQ	213.2620, -7.1500, -13.5980

Conversions

Conversions Part 2

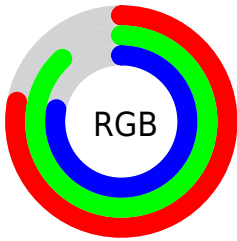
Format	Color
RYB	198, 224, 224
Decimal	13033670
CIELab	86.70, -13.42, 9.83
CIELCh	87, 16.633, 143.759
Yxy	69.3943, 0.3113, 0.3592
Android (android.graphics.Color)	4291223750 (0xFFC6E0C6)
YUV	213.2620, -7.5242, -13.3848
Hunter-Lab	83.3032, -16.9133, 13.0056

Details

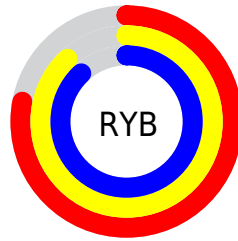
The Yxy color **69.3943, 0.3113, 0.3592** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.6225, 0.3141, 0.3005**, and the grayscale version is **66.7822, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.3188, 0.3109, 0.3675** is the 20% darker color. If you saturate the color by 10%, you get **65.6164, 0.3099, 0.3890**, and if you desaturate by 10%, it is **73.7812, 0.3125, 0.3329**.

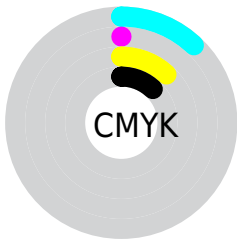
Distribution



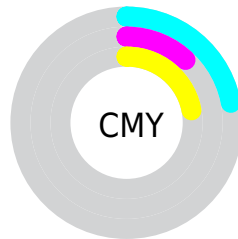
- Red (78%)
- Green (88%)
- Blue (78%)



- Red (78%)
- Yellow (88%)
- Blue (88%)



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




- Cyan (22%)
- Magenta (12%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.3943, 0.3113, 0.3592 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 69.3943, 0.3113, 0.3592 by changing the saturation by 10% instead.

 69.3943, 0.3113,
0.3592

 69.3943, 0.3113,
0.3592


458.4204, 0.3121,
0.3448

 51.0329, 0.3111,
0.3626


118.3446, 0.3116,
0.3541

 36.2348, 0.3108,
0.3669


149.7022, 0.3117,
0.3522

 24.6156, 0.3104,
0.3723


186.1608, 0.3118,
0.3505

 15.7909, 0.3098,
0.3797

228.1046, 0.3119,
0.3491

 9.3763, 0.3088,
0.3900

275.9181, 0.3120,
0.3478

 4.9874, 0.3072,
0.4056


329.9856, 0.3120,

 2.2399, 0.3039,


0.3467

0.4316


390.6916, 0.3121,
0.3457


 0.7416, 0.3046,
0.5985


 0.0000, 0.0000,
0.0000

 69.3943, 0.3113,
0.3592

 69.3943, 0.3113,
0.3592


 65.6164, 0.3099,
0.3890


 73.7812, 0.3125,
0.3329

 62.4121, 0.3084,
0.4220

 78.7928, 0.3136,
0.3100

 59.7562, 0.3067,
0.4574

 81.7921, 0.3141,
0.2989

 57.6178, 0.3050,
0.4934

■ 55.9634, 0.3034,
0.5277

■ 54.7550, 0.3020,
0.5575

■ 53.9496, 0.3009,
0.5802

■ 53.4951, 0.3003,
0.5941

■ 53.3121, 0.3000,
0.6000

Harmonies

Analogous

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



69.3943, 0.3314, 0.3650



69.3943, 0.3113, 0.3592



69.3943, 0.2920, 0.3444

Triad

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



69.3943, 0.3113, 0.3592



69.3943, 0.2793, 0.2974



69.3943, 0.3481, 0.3309

Complementary

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



69.3943, 0.3113, 0.3592



61.6225, 0.3141, 0.3005

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.



69.3943, 0.3333, 0.3141



69.3943, 0.3113, 0.3592



69.3943, 0.2934, 0.2951

Square

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



69.3943, 0.3113, 0.3592



69.3943, 0.2739, 0.3083



69.3943, 0.3131, 0.3012



69.3943, 0.3531, 0.3478

Rectangle

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



69.3943, 0.3113, 0.3592



69.3943, 0.2821, 0.3318



69.3943, 0.3131, 0.3012



69.3943, 0.3441, 0.3251

Sweetspot

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



69.3973, 0.3113, 0.3592



98.0949, 0.3124, 0.3364



73.0048, 0.3300, 0.3571



20.8902, 0.3123, 0.3384



0.0000, 0.0000, 0.0000



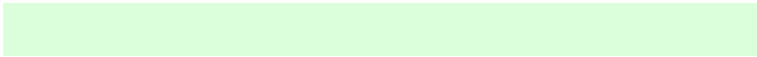
21.4041, 0.3127, 0.3290

Same Dimension

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



69.3973, 0.3113, 0.3592



91.7572, 0.3110, 0.3663



70.0011, 0.3033, 0.3444



15.3373, 0.3116, 0.3532



31.0311, 0.3000, 0.6000



2.1509, 0.3000, 0.6000

Inverse Universe

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



61.6225, 0.3141, 0.3005



79.2994, 0.3143, 0.2943



60.9660, 0.3233, 0.3141



13.9356, 0.3138, 0.3059



12.3560, 0.3209, 0.1541



0.8565, 0.3209, 0.1541

Previews

White Background



This preview shows how the Yxy color 69.3943, 0.3113, 0.3592 looks on a white background.

Color Contrast Check

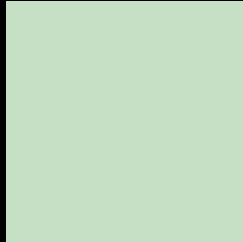
Large Text (above 18pt) WCAG AA × Fail

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 69.3943, 0.3113, 0.3592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

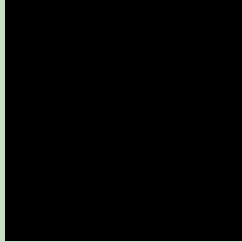
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

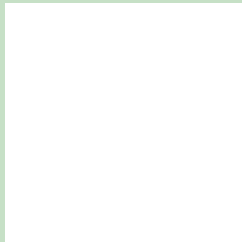
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.3943, 0.3113, 0.3592

Background



This preview shows how black text looks on a background with the Yxy color 69.3943, 0.3113, 0.3592.

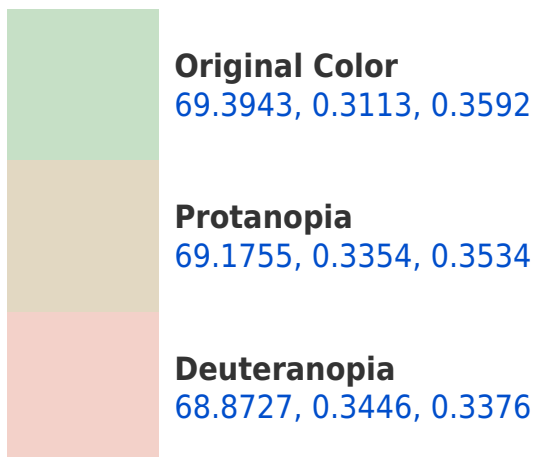


This preview shows how white text looks on a background with the Yxy color 69.3943, 0.3113, 0.3592.

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

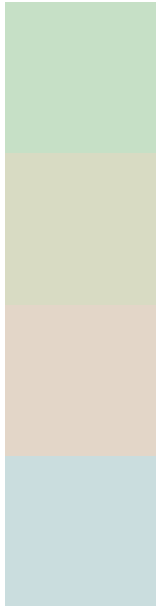




Tritanopia

69.5565, 0.2915, 0.3102

Trichromacy



Original Color

69.3943, 0.3113, 0.3592

Protanomaly

69.2021, 0.3267, 0.3561

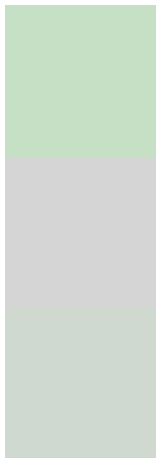
Deuteranomaly

68.5942, 0.3322, 0.3444

Tritanomaly

69.5434, 0.2989, 0.3278

Monochromacy



Original Color

69.3943, 0.3113, 0.3592

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

67.5897, 0.3122, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.3943, 0.3113, 0.3592 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(198, 224, 198)` looks like.

```
.text, #text, p{  
    color:rgb(198, 224, 198)  
}
```

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(198, 224, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 224, 198) }
```

Border

The CSS property to change the border of an element to Yxy 69.3943, 0.3113, 0.3592 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(198, 224, 198) }
```

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

```
.border{ border-color:rgb(198, 224, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 224, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 224, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 224, 198);  
box-shadow:4px 4px 4px 4px rgb(198, 224,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 69.3943, 0.3113, 0.3592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 224, 198) }
```

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

```
.background{ background-color: rgb(198,  
224, 198) }
```

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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