

Converting Colors

$Yxy(70.0898, 0.3101, 0.3618)$

Have a look what the booklet for
Yxy(70.0898, 0.3101, 0.3618)
contains.

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Color

Yxy(70.2057, 0.3098, 0.3616)

Conversions

Conversions Part 1

Format	Color
Hex	C4E2C6
RGB	196, 226, 198
RGB Percent	77%, 89%, 78%
CMY	0.2315, 0.1137, 0.2236
CMYK	0.13, 0.00, 0.12, 0.11
HSL	124°, 34%, 83%
HSV	124°, 13%, 89%
XYZ	60.1486, 70.2057, 63.7987
YIQ	213.8380, -8.8920, -15.0680

Conversions

Conversions Part 2

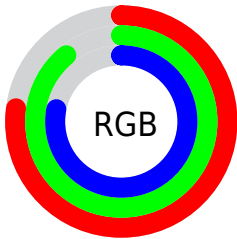
Format	Color
RYB	196, 224, 226
Decimal	12903110
CIELab	87.10, -15.11, 10.40
CIElCh	87, 18.345, 145.479
Yxy	70.2057, 0.3098, 0.3616
Android (android.graphics.Color)	4291093190 (0xFFC4E2C6)
YUV	213.8380, -7.8081, -15.6439
Hunter-Lab	83.7888, -18.4926, 13.5075

Details

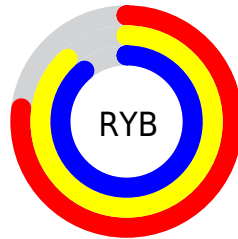
The Yxy color **70.2057, 0.3098, 0.3616** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.0225, 0.3157, 0.2984**, and the grayscale version is **67.1871, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **36.8902, 0.3090, 0.3707** is the 20% darker color. If you saturate the color by 10%, you get **66.4968, 0.3075, 0.3899**, and if you desaturate by 10%, it is **74.5126, 0.3120, 0.3365**.

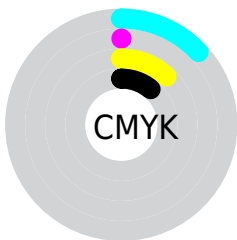
Distribution



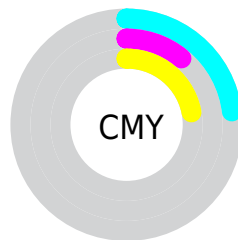
- Red (77%)
- Green (89%)
- Blue (78%)



- Red (77%)
- Yellow (88%)
- Blue (89%)



- Cyan (13%)
- Magenta (0%)
- Yellow (12%)
- Black (11%)



- Cyan (23%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.2057, 0.3098, 0.3616 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 70.2057, 0.3098, 0.3616 by changing the saturation by 10% instead.

70.2057, 0.3098,
0.3616

70.2057, 0.3098,
0.3616

461.2719, 0.3113,
0.3461

51.6942, 0.3094,
0.3653

119.5020, 0.3104,
0.3561

36.7614, 0.3089,
0.3699

151.0557, 0.3106,
0.3540

25.0228, 0.3082,
0.3758

187.7256, 0.3108,
0.3522

16.0941, 0.3072,
0.3837

229.8961, 0.3109,
0.3507

9.5907, 0.3057,
0.3948

277.9516, 0.3110,
0.3493

5.1285, 0.3033,
0.4116


332.2765, 0.3111,

2.3228, 0.2986,


0.3481

0.4396


393.2551, 0.3112,
0.3470


 0.7858, 0.2924,
0.6080


 0.0000, 0.0000,
0.0000


 70.2057, 0.3098,
0.3616

 70.2057, 0.3098,
0.3616

 66.4968, 0.3075,
0.3899


 74.5126, 0.3120,
0.3365

 63.3510, 0.3052,
0.4211

 79.4328, 0.3141,
0.3147

 60.7434, 0.3029,
0.4545

 82.8792, 0.3140,
0.3009

 58.6439, 0.3010,
0.4888

■ 57.0192, 0.2994,
0.5218

■ 55.8323, 0.2985,
0.5512

■ 55.0404, 0.2983,
0.5746

■ 54.5923, 0.2987,
0.5903

■ 54.4341, 0.2990,
0.5966

Harmonies

Analogous

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



70.2057, 0.3320, 0.3686



70.2057, 0.3098, 0.3616



70.2057, 0.2889, 0.3448

Triad

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



70.2057, 0.3098, 0.3616



70.2057, 0.2767, 0.2940



70.2057, 0.3523, 0.3321

Complementary

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



70.2057, 0.3098, 0.3616



61.0225, 0.3157, 0.2984

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.



70.2057, 0.3364, 0.3136



70.2057, 0.3098, 0.3616



70.2057, 0.2926, 0.2920

Square

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



70.2057, 0.3098, 0.3616



70.2057, 0.2702, 0.3052



70.2057, 0.3144, 0.2992



70.2057, 0.3571, 0.3505

Rectangle

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



70.2057, 0.3098, 0.3616



70.2057, 0.2784, 0.3308



70.2057, 0.3144, 0.2992



70.2057, 0.3481, 0.3258

Sweetspot

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



70.2087, 0.3098, 0.3616



97.5186, 0.3119, 0.3383



74.2326, 0.3311, 0.3619



20.7763, 0.3117, 0.3401



0.0000, 0.0000, 0.0000



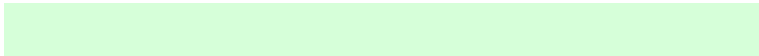
21.4041, 0.3127, 0.3290

Same Dimension

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



70.2087, 0.3098, 0.3616



90.8524, 0.3092, 0.3693



70.9360, 0.3004, 0.3439



15.3521, 0.3107, 0.3516



31.0571, 0.2988, 0.5955



2.1580, 0.2952, 0.5827

Inverse Universe

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



61.0225, 0.3157, 0.2984



76.4998, 0.3164, 0.2918



60.2437, 0.3269, 0.3146



13.9190, 0.3148, 0.3074



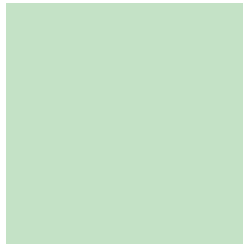
11.9109, 0.3384, 0.1638



0.8304, 0.3354, 0.1621

Previews

White Background



This preview shows how the Yxy color 70.2057, 0.3098, 0.3616 looks on a white background.

Color Contrast Check

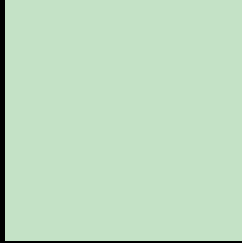
Large Text (above 18pt) WCAG AA × Fail

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 70.2057, 0.3098, 0.3616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

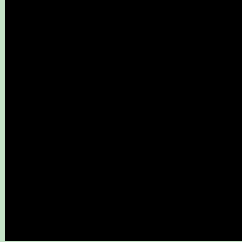
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

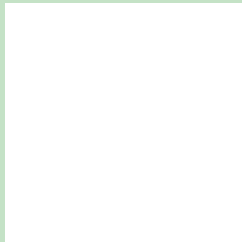
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.2057, 0.3098, 0.3616

Background



This preview shows how black text looks on a background with the Yxy color 70.2057, 0.3098, 0.3616.

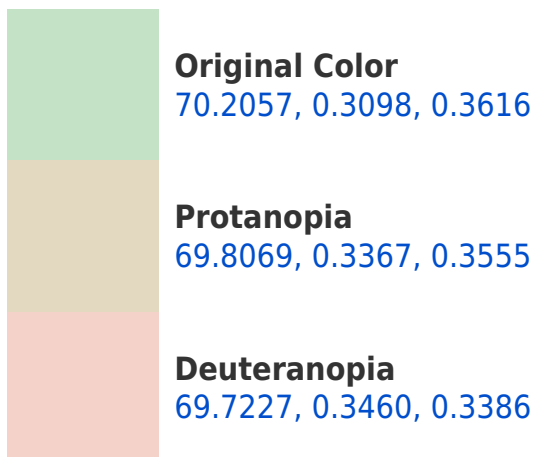


This preview shows how white text looks on a background with the Yxy color 70.2057, 0.3098, 0.3616.

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

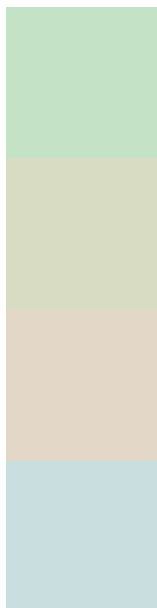




Tritanopia

70.0560, 0.2897, 0.3091

Trichromacy



Original Color

70.2057, 0.3098, 0.3616

Protanomaly

69.7255, 0.3266, 0.3572

Deuteranomaly

69.6128, 0.3319, 0.3466

Tritanomaly

69.8496, 0.2969, 0.3278

Monochromacy



Original Color

70.2057, 0.3098, 0.3616

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.9623, 0.3115, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.2057, 0.3098, 0.3616 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(196, 226, 198)` looks like.

```
.text, #text, p{  
    color:rgb(196, 226, 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(196, 226, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 226, 198) }
```

Border

The CSS property to change the border of an element to Yxy 70.2057, 0.3098, 0.3616 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(196, 226, 198) }
```

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

```
.border{ border-color:rgb(196, 226, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 226, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 226, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 226, 198); box-shadow:4px 4px 4px 4px rgb(196, 226, 198) }
```


Background

The CSS property to change the background color of an element to $Yxy\ 70.2057, 0.3098, 0.3616$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 226, 198) }
```

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

```
.background{ background-color: rgb(196,  
226, 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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