

Converting Colors

$Yxy(70.4176, 0.2910, 0.3395)$

Have a look what the booklet for
Yxy(70.4176, 0.2910, 0.3395)
contains.

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Color

Yxy(70.4392, 0.2909, 0.3394)

Conversions

Conversions Part 1

Format	Color
Hex	BAE3DA
RGB	186, 227, 218
RGB Percent	73%, 89%, 85%
CMY	0.2705, 0.1098, 0.1452
CMYK	0.18, 0.00, 0.04, 0.11
HSL	167°, 42%, 81%
HSV	167°, 18%, 89%
XYZ	60.3735, 70.4392, 76.7277
YIQ	213.7150, -21.5470, -11.4910

Conversions

Conversions Part 2

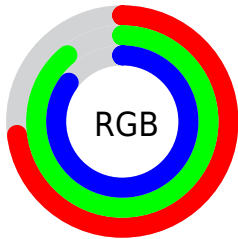
Format	Color
RYB	186, 209, 227
Decimal	12248026
CIELab	87.21, -15.07, -0.02
CIELCh	87, 15.072, 180.092
Yxy	70.4392, 0.2909, 0.3394
Android (android.graphics.Color)	4290438106 (0xFFBAE3DA)
YUV	213.7150, 2.1125, -24.3061
Hunter-Lab	83.9281, -18.4705, 4.5463

Details

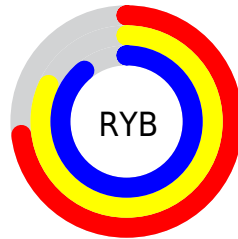
The Yxy color **70.4392, 0.2909, 0.3394** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.3975, 0.3402, 0.3189**, and the grayscale version is **67.0423, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **37.0549, 0.2856, 0.3428** is the 20% darker color. If you saturate the color by 10%, you get **67.5632, 0.2798, 0.3459**, and if you desaturate by 10%, it is **73.7806, 0.3028, 0.3334**.

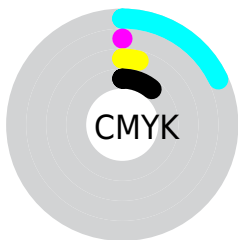
Distribution



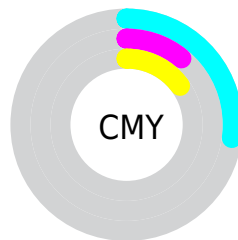
- Red (73%)
- Green (89%)
- Blue (85%)



- Red (73%)
- Yellow (82%)
- Blue (89%)



- Cyan (18%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)





- Cyan (27%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.4392, 0.2909, 0.3394 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 70.4392, 0.2909, 0.3394 by changing the saturation by 10% instead.


 70.4392, 0.2909,
0.3394

 70.4392, 0.2909,
0.3394

462.0906, 0.3010,
0.3346

 51.8847, 0.2886,
0.3405


 119.8349, 0.2944,
0.3377

 36.9132, 0.2857,
0.3419


151.4448, 0.2958,
0.3371

 25.1403, 0.2820,
0.3436


188.1753, 0.2970,
0.3365

 16.1816, 0.2772,
0.3459

230.4108, 0.2980,
0.3360

 9.6527, 0.2706,
0.3491

278.5357, 0.2989,
0.3356

 5.1693, 0.2609,
0.3536


332.9344, 0.2997,


 2.3470, 0.2457,


0.3352

0.3609


393.9912, 0.3004,
0.3349


 0.7984, 0.1897,
0.3875


 0.0000, 0.0000,
0.0000


 70.4392, 0.2909,
0.3394


 70.4392, 0.2909,
0.3394


 67.5632, 0.2798,
0.3459


 73.7806, 0.3028,
0.3334


 65.1224, 0.2698,
0.3530


 77.5986, 0.3151,
0.3280

 63.0968, 0.2611,
0.3604

 81.9148, 0.3278,
0.3231

 61.4611, 0.2540,
0.3682

 82.3718, 0.3251,
0.3182

 60.1875, 0.2489,
0.3763


 82.6697, 0.3218,
0.3134

 59.2440, 0.2456,
0.3844


 82.9758, 0.3185,
0.3086

 58.5933, 0.2444,
0.3926

 83.2902, 0.3153,
0.3038

 58.1827, 0.2449,
0.4007

 83.4204, 0.3140,
0.3019

 58.1154, 0.2451,
0.4022

Harmonies

Analogous

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



70.4392, 0.3076, 0.3539



70.4392, 0.2909, 0.3394



70.4392, 0.2802, 0.3223

Triad

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



70.4392, 0.2909, 0.3394



70.4392, 0.2988, 0.2989



70.4392, 0.3488, 0.3490

Complementary

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



70.4392, 0.2909, 0.3394



55.3975, 0.3402, 0.3189

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.



70.4392, 0.3464, 0.3342



70.4392, 0.2909, 0.3394



70.4392, 0.3171, 0.3059

Square

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



70.4392, 0.2909, 0.3394



70.4392, 0.2846, 0.2994



70.4392, 0.3346, 0.3186



70.4392, 0.3412, 0.3590

Rectangle

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



70.4392, 0.2909, 0.3394



70.4392, 0.2776, 0.3120



70.4392, 0.3346, 0.3186



70.4392, 0.3491, 0.3444

Sweetspot

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



70.4421, 0.2909, 0.3394



97.4820, 0.3065, 0.3317



70.1655, 0.3171, 0.3771



20.7922, 0.3056, 0.3321



0.0000, 0.0000, 0.0000



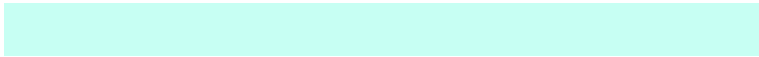
21.4041, 0.3127, 0.3290

Same Dimension

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



70.4421, 0.2909, 0.3394



90.0982, 0.2863, 0.3420



65.1366, 0.2849, 0.3162



16.2792, 0.3011, 0.3342



33.9099, 0.2447, 0.4010



2.5193, 0.2414, 0.3892

Inverse Universe

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



55.3975, 0.3402, 0.3189



66.7767, 0.3480, 0.3164



59.7850, 0.3455, 0.3414



14.4197, 0.3258, 0.3238



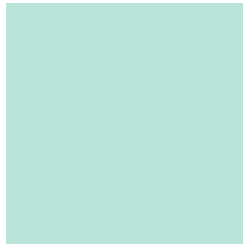
9.6728, 0.6014, 0.3086



0.7285, 0.5608, 0.2863

Previews

White Background



This preview shows how the Yxy color 70.4392, 0.2909, 0.3394 looks on a white background.

Color Contrast Check

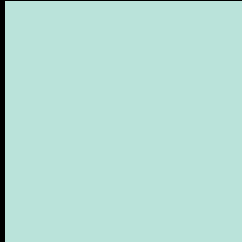
Large Text (above 18pt) WCAG AA × Fail

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 70.4392, 0.2909, 0.3394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

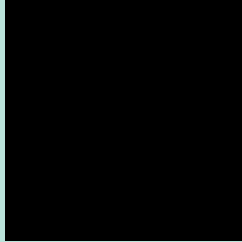
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

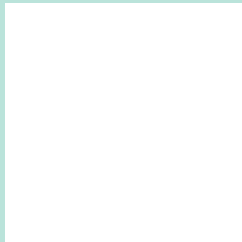
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.4392, 0.2909, 0.3394

Background



This preview shows how black text looks on a background with the Yxy color 70.4392, 0.2909, 0.3394.

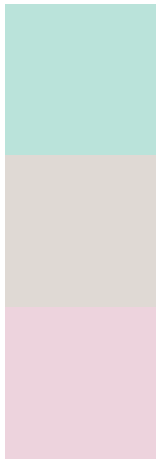


This preview shows how white text looks on a background with the Yxy color 70.4392, 0.2909, 0.3394.

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

70.4392, 0.2909, 0.3394

Protanopia

70.0671, 0.3205, 0.3345

Deuteranopia

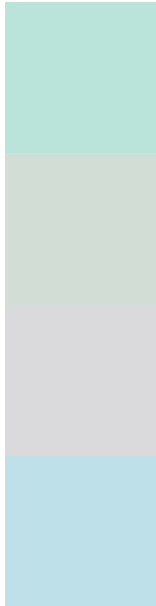
69.8135, 0.3251, 0.3185



Tritanopia

70.0734, 0.2798, 0.3087

Trichromacy



Original Color

70.4392, 0.2909, 0.3394

Protanomaly

70.2696, 0.3095, 0.3368

Deuteranomaly

69.6984, 0.3114, 0.3257

Tritanomaly

70.0133, 0.2838, 0.3187

Monochromacy



Original Color

70.4392, 0.2909, 0.3394

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

68.4067, 0.3047, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.4392, 0.2909, 0.3394 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(186, 227, 218)` looks like.

```
.text, #text, p{  
    color:rgb(186, 227, 218)  
}
```

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(186, 227, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 227, 218) }
```

Border

The CSS property to change the border of an element to Yxy 70.4392, 0.2909, 0.3394 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(186, 227, 218) }
```

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

```
.border{ border-color:rgb(186, 227, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 227, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 227, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 227, 218);  
box-shadow:4px 4px 4px 4px rgb(186, 227,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 70.4392, 0.2909, 0.3394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 227, 218) }
```

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

```
.background{ background-color: rgb(186,  
227, 218) }
```

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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