

Converting Colors

$Yxy(70.1592, 0.2893, 0.3390)$

Have a look what the booklet for
Yxy(70.1592, 0.2893, 0.3390)
contains.

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Color

Yxy(70.1905, 0.2896, 0.3394)

Conversions

Conversions Part 1

Format	Color
Hex	B8E3DA
RGB	184, 227, 218
RGB Percent	72%, 89%, 85%
CMY	0.2784, 0.1098, 0.1451
CMYK	0.19, 0.00, 0.04, 0.11
HSL	167°, 43%, 81%
HSV	167°, 19%, 89%
XYZ	59.8915, 70.1905, 76.7256
YIQ	213.1170, -22.7390, -11.9150

Conversions

Conversions Part 2

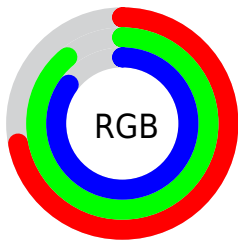
Format	Color
RYB	184, 208, 227
Decimal	12116954
CIELab	87.09, -15.70, -0.23
CIELCh	87, 15.697, 180.848
Yxy	70.1905, 0.2896, 0.3394
Android (android.graphics.Color)	4290307034 (0xFFB8E3DA)
YUV	213.1170, 2.4073, -25.5356
Hunter-Lab	83.7798, -19.0107, 4.3480

Details

The Yxy color **70.1905, 0.2896, 0.3394** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.4628, 0.3422, 0.3189**, and the grayscale version is **66.6187, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **36.8952, 0.2840, 0.3428** is the 20% darker color. If you saturate the color by 10%, you get **67.3662, 0.2785, 0.3456**, and if you desaturate by 10%, it is **73.4776, 0.3016, 0.3337**.

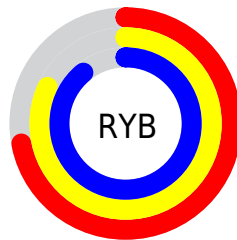
Distribution



Red (72%)

Green (89%)

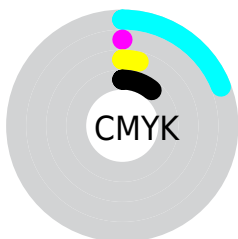
Blue (85%)



Red (72%)

Yellow (82%)

Blue (89%)

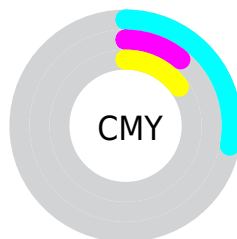


Cyan (19%)

Magenta (0%)

Yellow (4%)

Black (11%)



Cyan (28%)


Magenta (11%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.1905, 0.2896, 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 70.1905, 0.2896, 0.3394 by changing the saturation by 10% instead.


 70.1905, 0.2896,
0.3394

 70.1905, 0.2896,
0.3394


461.2186, 0.3004,
0.3346

 51.6819, 0.2871,
0.3405


 119.4804, 0.2933,
0.3377

 36.7515, 0.2841,
0.3419


151.0304, 0.2948,
0.3371

 25.0152, 0.2802,
0.3436

187.6963, 0.2960,
0.3365

 16.0884, 0.2751,
0.3459

229.8626, 0.2971,
0.3360

 9.5867, 0.2681,
0.3490

277.9136, 0.2981,
0.3356

 5.1258, 0.2579,
0.3536

332.2336, 0.2989,

 2.3213, 0.2417,

0.3352

0.3607

393.2072, 0.2997,
0.3349

0.7849, 0.1798,
0.3888

0.0000, 0.0000,
0.0000

70.1905, 0.2896,
0.3394

70.1905, 0.2896,
0.3394

67.3662, 0.2785,
0.3456

73.4776, 0.3016,
0.3337

64.9744, 0.2684,
0.3523


77.2388, 0.3141,
0.3285

62.9949, 0.2598,
0.3594

81.4958, 0.3268,
0.3238


61.4023, 0.2528,
0.3668


82.3153, 0.3257,
0.3192


 60.1682, 0.2477,
0.3745


 82.5966, 0.3226,
0.3146


 59.2606, 0.2446,
0.3822


 82.8853, 0.3195,
0.3100

 58.6415, 0.2434,
0.3899

 83.1815, 0.3164,
0.3054

 58.2521, 0.2439,
0.3975

 83.4207, 0.3140,
0.3019

 58.2162, 0.2440,
0.3983

Harmonies

Analogous

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



70.1905, 0.3069, 0.3547



70.1905, 0.2896, 0.3394



70.1905, 0.2786, 0.3215

Triad

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



70.1905, 0.2896, 0.3394



70.1905, 0.2986, 0.2977



70.1905, 0.3502, 0.3501

Complementary

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



70.1905, 0.2896, 0.3394



54.4628, 0.3422, 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.



70.1905, 0.3480, 0.3348



70.1905, 0.2896, 0.3394



70.1905, 0.3178, 0.3052

Square

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



70.1905, 0.2896, 0.3394



70.1905, 0.2837, 0.2980



70.1905, 0.3360, 0.3185



70.1905, 0.3421, 0.3605

Rectangle

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



70.1905, 0.2896, 0.3394



70.1905, 0.2762, 0.3109



70.1905, 0.3360, 0.3185



70.1905, 0.3507, 0.3454

Sweetspot

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



70.1934, 0.2896, 0.3394



97.0084, 0.3051, 0.3321



69.7806, 0.3168, 0.3798



20.6971, 0.3043, 0.3325



0.0000, 0.0000, 0.0000



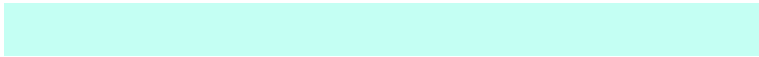
21.4041, 0.3127, 0.3290

Same Dimension

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



70.1934, 0.2896, 0.3394



89.7575, 0.2848, 0.3420



64.2459, 0.2835, 0.3147



16.2820, 0.3009, 0.3340



33.9679, 0.2437, 0.3972



2.5231, 0.2406, 0.3860

Inverse Universe

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



54.4628, 0.3422, 0.3189



65.4826, 0.3505, 0.3165



59.3556, 0.3473, 0.3429



14.4171, 0.3260, 0.3241



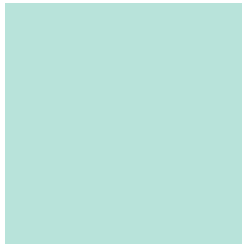
9.6600, 0.6045, 0.3104



0.7272, 0.5643, 0.2882

Previews

White Background



This preview shows how the Yxy color 70.1905, 0.2896, 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 70.1905, 0.2896, 0.3394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

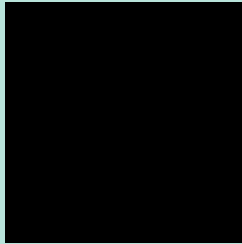
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

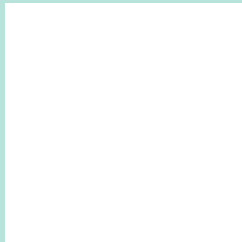
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.1905, 0.2896, 0.3394

Background



This preview shows how black text looks on a background with the Yxy color 70.1905, 0.2896, 0.3394.

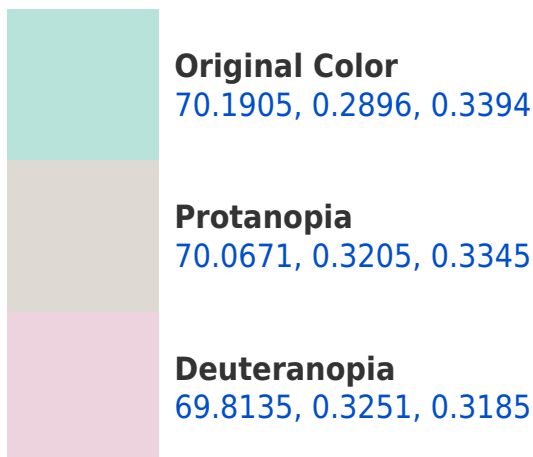


This preview shows how white text looks on a background with the Yxy color 70.1905, 0.2896, 0.3394.

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

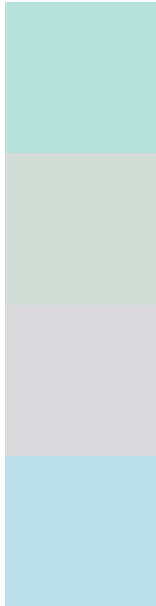




Tritanopia

69.8176, 0.2785, 0.3087

Trichromacy



Original Color

70.1905, 0.2896, 0.3394

Protanomaly

70.1233, 0.3088, 0.3368

Deuteranomaly

69.6984, 0.3114, 0.3257

Tritanomaly

69.7593, 0.2826, 0.3187

Monochromacy



Original Color

70.1905, 0.2896, 0.3394

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

67.6057, 0.3033, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.1905, 0.2896, 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(184, 227, 218)` looks like.

```
.text, #text, p{  
    color:rgb(184, 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(184, 227, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 227, 218) }
```

Border

The CSS property to change the border of an element to Yxy 70.1905, 0.2896, 0.3394 is called "border". The border property can be set on classes, ids or directly on the HTML element.

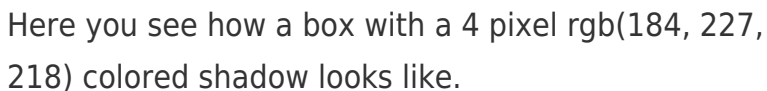
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(184, 227, 218) }
```

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

```
.border{ border-color:rgb(184, 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(184, 227, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 227, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 227, 218); box-shadow:4px 4px 4px 4px rgb(184, 227, 218) }
```


Background

The CSS property to change the background color of an element to Yxy 70.1905, 0.2896, 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(184, 227, 218) }
```

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

```
.background{ background-color: rgb(184,  
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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