

Converting Colors

$Yxy(69.9311, 0.2969, 0.3738)$

Have a look what the booklet for
Yxy(69.9311, 0.2969, 0.3738)
contains.

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Color

Yxy(69.9311, 0.2969, 0.3738)

Conversions

Conversions Part 1

Format	Color
Hex	ADE7C2
RGB	173, 231, 194
RGB Percent	68%, 91%, 76%
CMY	0.3216, 0.0941, 0.2392
CMYK	0.25, 0.00, 0.16, 0.09
HSL	142°, 55%, 79%
HSV	142°, 25%, 91%
XYZ	55.5445, 69.9311, 61.6060
YIQ	209.4400, -22.6910, -23.8030

Conversions

Conversions Part 2

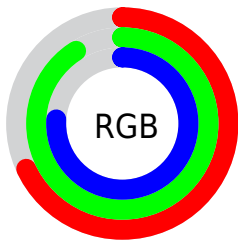
Format	Color
RYB	173, 216, 231
Decimal	11397058
CIELab	86.96, -25.78, 12.10
CIELCh	87, 28.479, 154.849
Yxy	69.9311, 0.2969, 0.3738
Android (android.graphics.Color)	4289587138 (0xFFADEF7C2)
YUV	209.4400, -7.6119, -31.9579
Hunter-Lab	83.6248, -27.7818, 14.8587

Details

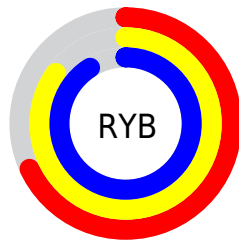
The Yxy color **69.9311, 0.2969, 0.3738** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **51.5264, 0.3329, 0.2881**, and the grayscale version is **64.1246, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.1430, 0.2992, 0.3330**, and **36.4753, 0.2927, 0.3858** is the 20% darker color. If you saturate the color by 10%, you get **66.8948, 0.2912, 0.3951**, and if you desaturate by 10%, it is **73.4942, 0.3031, 0.3544**.

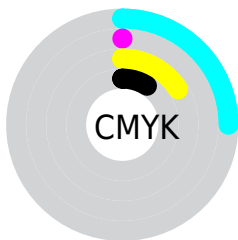
Distribution



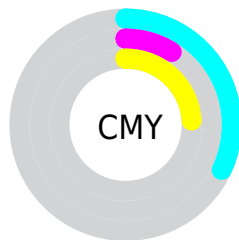
- Red (68%)
- Green (91%)
- Blue (76%)



- Red (68%)
- Yellow (85%)
- Blue (91%)



- Cyan (25%)
- Magenta (0%)
- Yellow (16%)
- Black (9%)





- Cyan (32%)
- Magenta (9%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.9311, 0.2969, 0.3738 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 69.9311, 0.2969, 0.3738 by changing the saturation by 10% instead.


 69.9311, 0.2969,
0.3738

 69.9311, 0.2969,
0.3738


460.3080, 0.3046,
0.3522

 51.4704, 0.2950,
0.3789


 119.1105, 0.2997,
0.3661

 36.5831, 0.2927,
0.3854


150.5979, 0.3007,
0.3632

 24.8849, 0.2896,
0.3938


187.1964, 0.3016,
0.3607

 15.9913, 0.2854,
0.4051

229.2903, 0.3024,
0.3586

 9.5180, 0.2795,
0.4212

277.2640, 0.3030,
0.3567

 5.0806, 0.2702,
0.4457


331.5020, 0.3036,

 2.2946, 0.2540,


0.3550


0.4873


392.3885, 0.3041,
0.3535


 0.7709, 0.1182,
0.8818


 0.0000, 0.0000,
0.0000


 69.9311, 0.2969,
0.3738


 69.9311, 0.2969,
0.3738


 66.8948, 0.2912,
0.3951

 73.4942, 0.3031,
0.3544


 64.3511, 0.2863,
0.4182

 77.5989, 0.3094,
0.3371

 62.2756, 0.2824,
0.4426

 82.2702, 0.3158,
0.3217

 60.6379, 0.2800,
0.4676

 85.5044, 0.3151,
0.3078

■ 59.4040, 0.2793,
0.4923

■ 85.6361, 0.3138,
0.3058

■ 58.5346, 0.2804,
0.5157

■ 57.9818, 0.2833,
0.5368

■ 57.7906, 0.2850,
0.5461

Harmonies

Analogous

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



69.9311, 0.3316, 0.3902



69.9311, 0.2969, 0.3738



69.9311, 0.2676, 0.3433

Triad

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



69.9311, 0.2969, 0.3738



69.9311, 0.2636, 0.2729



69.9311, 0.3791, 0.3419

Complementary

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



69.9311, 0.2969, 0.3738



51.5264, 0.3329, 0.2881

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.



69.9311, 0.3589, 0.3135



69.9311, 0.2969, 0.3738



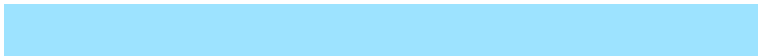
69.9311, 0.2912, 0.2750

Square

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



69.9311, 0.2969, 0.3738



69.9311, 0.2492, 0.2849



69.9311, 0.3261, 0.2896



69.9311, 0.3802, 0.3689

Rectangle

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



69.9311, 0.2969, 0.3738



69.9311, 0.2546, 0.3207



69.9311, 0.3261, 0.2896



69.9311, 0.3743, 0.3323

Sweetspot

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



69.9340, 0.2969, 0.3738



95.5241, 0.3076, 0.3420



73.9777, 0.3357, 0.3948



20.2769, 0.3066, 0.3445



0.0000, 0.0000, 0.0000



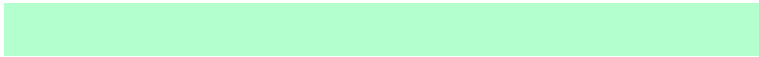
21.4041, 0.3127, 0.3290

Same Dimension

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



69.9340, 0.2969, 0.3738



85.5101, 0.2939, 0.3843



71.3295, 0.2807, 0.3391



16.1750, 0.3067, 0.3444



32.4175, 0.2842, 0.5431



2.4129, 0.2760, 0.5134

Inverse Universe

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



51.5264, 0.3329, 0.2881



58.8629, 0.3380, 0.2796



50.2379, 0.3578, 0.3192



14.5220, 0.3193, 0.3141



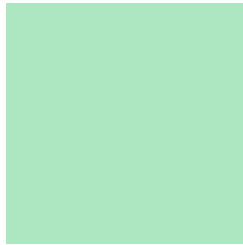
10.7362, 0.4383, 0.2188



0.8110, 0.4167, 0.2069

Previews

White Background



This preview shows how the Yxy color 69.9311, 0.2969, 0.3738 looks on a white background.

Color Contrast Check

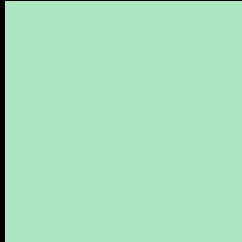
Large Text (above 18pt) WCAG AA × Fail

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 69.9311, 0.2969, 0.3738 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 69.9311, 0.2969, 0.3738

Background



This preview shows how black text looks on a background with the Yxy color 69.9311, 0.2969, 0.3738.

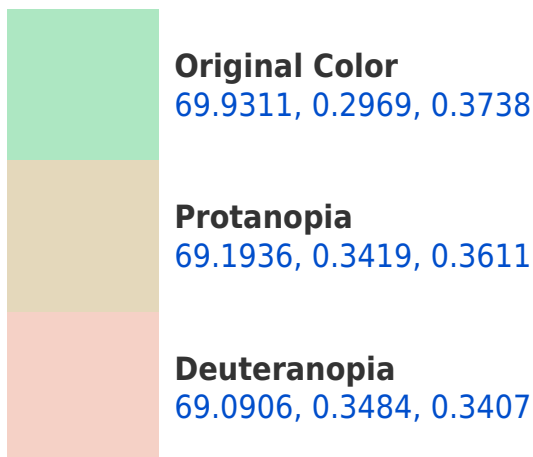


This preview shows how white text looks on a background with the Yxy color 69.9311, 0.2969, 0.3738.

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

69.6672, 0.2744, 0.3085

Trichromacy



Original Color

69.9311, 0.2969, 0.3738

Protanomaly

68.8405, 0.3240, 0.3647

Deuteranomaly

68.7170, 0.3278, 0.3514

Tritanomaly

69.9581, 0.2824, 0.3312

Monochromacy



Original Color

69.9311, 0.2969, 0.3738

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

65.7211, 0.3063, 0.3442

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.9311, 0.2969, 0.3738 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(173, 231, 194)` looks like.

```
.text, #text, p{  
    color:rgb(173, 231, 194)  
}
```

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(173, 231, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 231, 194) }
```

Border

The CSS property to change the border of an element to Yxy 69.9311, 0.2969, 0.3738 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(173, 231, 194) }
```

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

```
.border{ border-color:rgb(173, 231, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 231, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 231, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 231, 194);  
box-shadow:4px 4px 4px 4px rgb(173, 231,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 69.9311, 0.2969, 0.3738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 231, 194) }
```

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

```
.background{ background-color: rgb(173,  
231, 194) }
```

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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