

Converting Colors

$Yxy(69.6428, 0.2992, 0.3812)$

Have a look what the booklet for
Yxy(69.6428, 0.2992, 0.3812)
contains.

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Color

Yxy(69.4406, 0.2992, 0.3815)

Conversions

Conversions Part 1

Format	Color
Hex	ABE7BC
RGB	171, 231, 188
RGB Percent	67%, 91%, 74%
CMY	0.3291, 0.0942, 0.2627
CMYK	0.26, 0.00, 0.19, 0.09
HSL	137°, 56%, 79%
HSV	137°, 26%, 91%
XYZ	54.4604, 69.4406, 58.1190
YIQ	208.1580, -21.9570, -26.0930

Conversions

Conversions Part 2

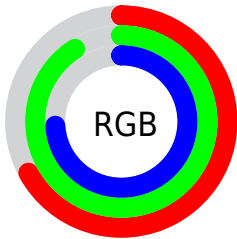
Format	Color
RYB	171, 218, 231
Decimal	11265980
CIELab	86.72, -27.48, 14.87
CIElCh	87, 31.242, 151.579
Yxy	69.4406, 0.2992, 0.3815
Android (android.graphics.Color)	4289456060 (0xFFABE7BC)
YUV	208.1580, -9.9379, -32.5876
Hunter-Lab	83.3310, -29.1720, 16.9801

Details

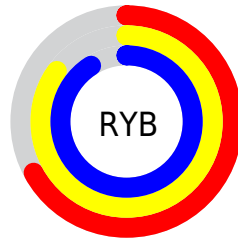
The Yxy color **69.4406, 0.2992, 0.3815** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **50.9974, 0.3296, 0.2817**, and the grayscale version is **63.2718, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3825, 0.3018, 0.3401**, and **36.1911, 0.2948, 0.3946** is the 20% darker color. If you saturate the color by 10%, you get **66.3968, 0.2945, 0.4058**, and if you desaturate by 10%, it is **73.0256, 0.3043, 0.3594**.

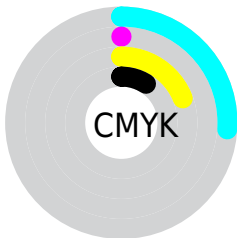
Distribution



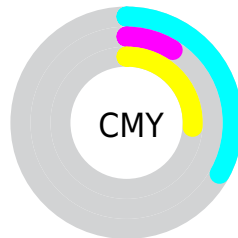
- Red (67%)
- Green (91%)
- Blue (74%)



- Red (67%)
- Yellow (85%)
- Blue (91%)



- Cyan (26%)
- Magenta (0%)
- Yellow (19%)
- Black (9%)




- Cyan (33%)
- Magenta (9%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.4406, 0.2992, 0.3815 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 69.4406, 0.2992, 0.3815 by changing the saturation by 10% instead.


 69.4406, 0.2992,
0.3815

 69.4406, 0.2992,
0.3815

458.5834, 0.3060,
0.3561

 51.0706, 0.2975,
0.3876


 118.4107, 0.3017,
0.3724

 36.2648, 0.2954,
0.3953


149.7795, 0.3026,
0.3690

 24.6388, 0.2925,
0.4053


186.2502, 0.3034,
0.3661

 15.8081, 0.2886,
0.4188

228.2069, 0.3040,
0.3635

 9.3885, 0.2829,
0.4381

276.0343, 0.3046,
0.3613

 4.9954, 0.2737,
0.4675


330.1165, 0.3051,

 2.2446, 0.2569,


0.3593


0.5179


390.8381, 0.3056,
0.3576

 0.7441, 0.0468,
0.9532


 0.0000, 0.0000,
0.0000


 69.4406, 0.2992,
0.3815


 69.4406, 0.2992,
0.3815


 66.3968, 0.2945,
0.4058


 73.0256, 0.3043,
0.3594

 63.8591, 0.2904,
0.4321

 77.1674, 0.3096,
0.3396

 61.8018, 0.2873,
0.4595

 81.8921, 0.3148,
0.3222

 60.1933, 0.2854,
0.4872

 85.5797, 0.3143,
0.3065

■ 58.9983, 0.2852,
0.5139

■ 85.6259, 0.3138,
0.3058

■ 58.1756, 0.2865,
0.5381

■ 57.6750, 0.2893,
0.5587

■ 57.5314, 0.2905,
0.5659

Harmonies

Analogous

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



69.4406, 0.3373, 0.3973



69.4406, 0.2992, 0.3815



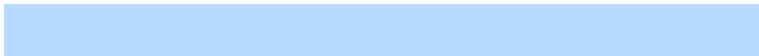
69.4406, 0.2661, 0.3487

Triad

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



69.4406, 0.2992, 0.3815



69.4406, 0.2564, 0.2682



69.4406, 0.3843, 0.3394

Complementary

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



69.4406, 0.2992, 0.3815



50.9974, 0.3296, 0.2817

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.



69.4406, 0.3600, 0.3087



69.4406, 0.2992, 0.3815



69.4406, 0.2851, 0.2690

Square

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



69.4406, 0.2992, 0.3815



69.4406, 0.2426, 0.2828



69.4406, 0.3230, 0.2837



69.4406, 0.3878, 0.3695

Rectangle

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



69.4406, 0.2992, 0.3815



69.4406, 0.2509, 0.3236



69.4406, 0.3230, 0.2837



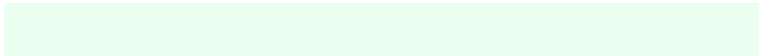
69.4406, 0.3783, 0.3289

Sweetspot

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



69.4435, 0.2992, 0.3815



95.4274, 0.3085, 0.3436



74.5377, 0.3401, 0.3963



20.2526, 0.3077, 0.3465



0.0000, 0.0000, 0.0000



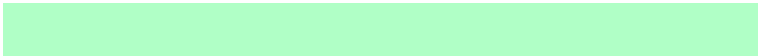
21.4041, 0.3127, 0.3290

Same Dimension

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



69.4435, 0.2992, 0.3815



84.8357, 0.2967, 0.3940



70.8221, 0.2825, 0.3455



16.1558, 0.3077, 0.3463



32.2746, 0.2898, 0.5632



2.4005, 0.2817, 0.5342

Inverse Universe

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



50.9974, 0.3296, 0.2817



58.1539, 0.3339, 0.2719



49.6452, 0.3552, 0.3133



14.5421, 0.3181, 0.3123



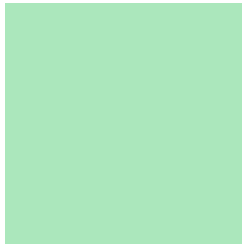
11.0832, 0.4079, 0.2021



0.8347, 0.3923, 0.1935

Previews

White Background



This preview shows how the Yxy color 69.4406, 0.2992, 0.3815 looks on a white background.

Color Contrast Check

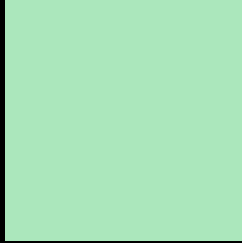
Large Text (above 18pt) WCAG AA × Fail

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 69.4406, 0.2992, 0.3815 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

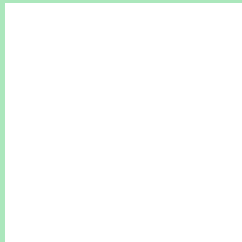
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.4406, 0.2992, 0.3815

Background



This preview shows how black text looks on a background with the Yxy color 69.4406, 0.2992, 0.3815.

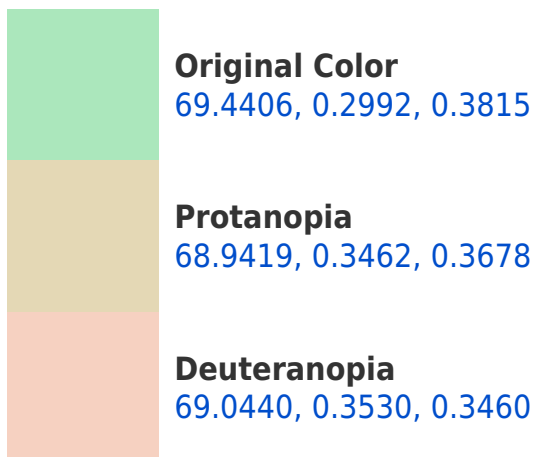


This preview shows how white text looks on a background with the Yxy color 69.4406, 0.2992, 0.3815.

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

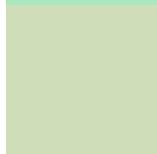
69.4859, 0.2744, 0.3096

Trichromacy



Original Color

69.4406, 0.2992, 0.3815



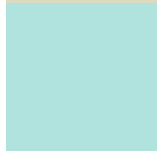
Protanomaly

68.4390, 0.3273, 0.3718



Deuteranomaly

68.4474, 0.3320, 0.3583



Tritanomaly

69.5592, 0.2829, 0.3348

Monochromacy



Original Color

69.4406, 0.2992, 0.3815



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

64.9309, 0.3076, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.4406, 0.2992, 0.3815 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(171, 231, 188)` looks like.

```
.text, #text, p{  
    color:rgb(171, 231, 188)  
}
```

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(171, 231, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 231, 188) }
```

Border

The CSS property to change the border of an element to Yxy 69.4406, 0.2992, 0.3815 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(171, 231, 188) }
```

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

```
.border{ border-color:rgb(171, 231, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 231, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 231, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 231, 188); box-shadow:4px 4px 4px 4px rgb(171, 231, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 69.4406, 0.2992, 0.3815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 231, 188) }
```

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

```
.background{ background-color: rgb(171,  
231, 188) }
```

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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