

Converting Colors

$Yxy(69.3320, 0.3072, 0.4209)$

Have a look what the booklet for
Yxy(69.3320, 0.3072, 0.4209)
contains.

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Color

Yxy(69.4989, 0.3072, 0.4208)

Conversions

Conversions Part 1

Format	Color
Hex	A0EBA2
RGB	160, 235, 162
RGB Percent	63%, 92%, 64%
CMY	0.3723, 0.0785, 0.3647
CMYK	0.32, 0.00, 0.31, 0.08
HSL	122°, 65%, 77%
HSV	122°, 32%, 92%
XYZ	50.7368, 69.4989, 44.9232
YIQ	204.2530, -21.2670, -38.6030

Conversions

Conversions Part 2

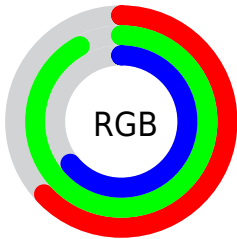
Format	Color
RYB	160, 233, 235
Decimal	10546082
CIELab	86.75, -37.29, 28.27
CIELCh	87, 46.792, 142.838
Yxy	69.4989, 0.3072, 0.4208
Android (android.graphics.Color)	4288736162 (0xFFA0EBA2)
YUV	204.2530, -20.8307, -38.8099
Hunter-Lab	83.3660, -37.2548, 26.4067

Details

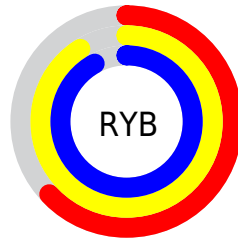
The Yxy color **69.4989, 0.3072, 0.4208** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **48.7120, 0.3180, 0.2517**, and the grayscale version is **60.7063, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2815, 0.3108, 0.3690**, and **36.4302, 0.3042, 0.4455** is the 20% darker color. If you saturate the color by 10%, you get **66.5618, 0.3053, 0.4554**, and if you desaturate by 10%, it is **73.0478, 0.3091, 0.3885**.

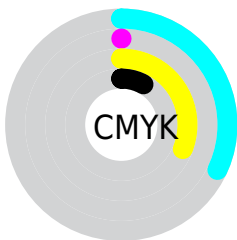
Distribution



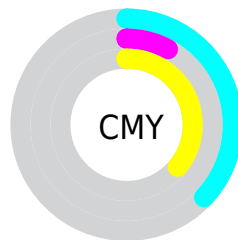
- Red (63%)
- Green (92%)
- Blue (64%)



- Red (63%)
- Yellow (91%)
- Blue (92%)



- Cyan (32%)
- Magenta (0%)
- Yellow (31%)
- Black (8%)





- Cyan (37%)
- Magenta (8%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.4989, 0.3072, 0.4208 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 69.4989, 0.3072, 0.4208 by changing the saturation by 10% instead.


 69.4989, 0.3072,
0.4208


 69.4989, 0.3072,
0.4208


458.7886, 0.3111,
0.3756

 51.1181, 0.3059,
0.4318


 118.4939, 0.3088,
0.4046

 36.3026, 0.3041,
0.4457


 149.8769, 0.3094,
0.3985

 24.6680, 0.3015,
0.4638

186.3627, 0.3098,
0.3932

 15.8299, 0.2974,
0.4883

228.3358, 0.3102,
0.3887

 9.4039, 0.2905,
0.5231

276.1805, 0.3105,
0.3848

 5.0055, 0.2776,
0.5755


330.2813, 0.3107,


 2.2505, 0.2709,


0.3814


0.7154

391.0225, 0.3109,
0.3783


 0.7473, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000


 69.4989, 0.3072,
0.4208


 69.4989, 0.3072,
0.4208


 66.5618, 0.3053,
0.4554


 73.0478, 0.3091,
0.3885

 64.1939, 0.3035,
0.4909

 77.2310, 0.3108,
0.3593

 62.3609, 0.3019,
0.5249

 82.0805, 0.3124,
0.3335

 61.0210, 0.3007,
0.5547

 87.6238, 0.3139,
0.3110

■ 60.1267, 0.3000,
0.5779

■ 87.8927, 0.3136,
0.3097

■ 59.6205, 0.2997,
0.5927

■ 59.4260, 0.2997,
0.5988

Harmonies

Analogous

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



69.4989, 0.3629, 0.4329



69.4989, 0.3072, 0.4208



69.4989, 0.2557, 0.3750

Triad

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



69.4989, 0.3072, 0.4208



69.4989, 0.2227, 0.2438



69.4989, 0.4127, 0.3286

Complementary

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



69.4989, 0.3072, 0.4208



48.7120, 0.3180, 0.2517

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.



69.4989, 0.3681, 0.2872



69.4989, 0.3072, 0.4208



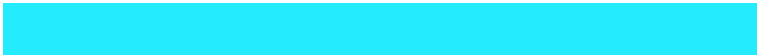
69.4989, 0.2574, 0.2401

Square

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



69.4989, 0.3072, 0.4208



69.4989, 0.2101, 0.2695



69.4989, 0.3099, 0.2558



69.4989, 0.4270, 0.3731

Rectangle

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



69.4989, 0.3072, 0.4208



69.4989, 0.2303, 0.3358



69.4989, 0.3099, 0.2558



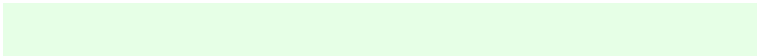
69.4989, 0.4006, 0.3141

Sweetspot

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



69.5018, 0.3072, 0.4208



93.9825, 0.3111, 0.3543



79.4022, 0.3599, 0.4088



19.9493, 0.3109, 0.3581



0.0000, 0.0000, 0.0000



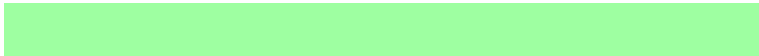
21.4041, 0.3127, 0.3290

Same Dimension

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



69.5018, 0.3072, 0.4208



81.3585, 0.3060, 0.4424



71.0063, 0.2865, 0.3733



16.8685, 0.3112, 0.3527



33.0783, 0.2995, 0.5983



2.5997, 0.2983, 0.5938

Inverse Universe

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



48.7120, 0.3180, 0.2517



52.8076, 0.3191, 0.2369



46.8239, 0.3506, 0.2889



15.3067, 0.3142, 0.3064



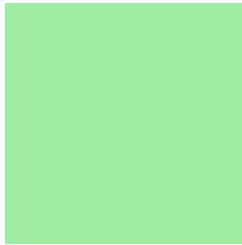
12.9791, 0.3275, 0.1578



1.0213, 0.3265, 0.1572

Previews

White Background



This preview shows how the Yxy color 69.4989, 0.3072, 0.4208 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 69.4989, 0.3072, 0.4208 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 69.4989, 0.3072, 0.4208

Background



This preview shows how black text looks on a background with the Yxy color 69.4989, 0.3072, 0.4208.

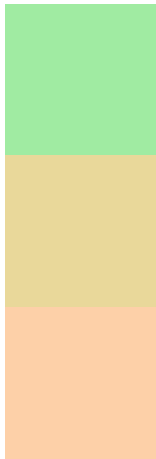


This preview shows how white text looks on a background with the Yxy color 69.4989, 0.3072, 0.4208.

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

69.4989, 0.3072, 0.4208

Protanopia

68.7685, 0.3694, 0.3970

Deuteranopia

68.8216, 0.3779, 0.3708



Tritanopia

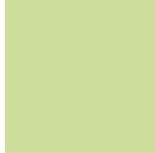
69.4355, 0.2699, 0.3083

Trichromacy



Original Color

69.4989, 0.3072, 0.4208



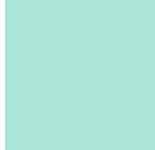
Protanomaly

68.3315, 0.3442, 0.4060



Deuteranomaly

67.9561, 0.3493, 0.3881



Tritanomaly

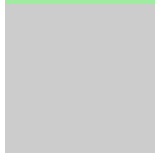
69.4397, 0.2834, 0.3468

Monochromacy



Original Color

69.4989, 0.3072, 0.4208



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

62.9664, 0.3105, 0.3606

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.4989, 0.3072, 0.4208 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(160, 235, 162)` looks like.

```
.text, #text, p{  
    color:rgb(160, 235, 162)  
}
```

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(160, 235, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 235, 162) }
```

Border

The CSS property to change the border of an element to Yxy 69.4989, 0.3072, 0.4208 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(160, 235, 162) }
```

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

```
.border{ border-color:rgb(160, 235, 162) }
```

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

Here you see how a box with a 4 pixel rgb(160, 235, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 235, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 235, 162);  
box-shadow:4px 4px 4px 4px rgb(160, 235,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 69.4989, 0.3072, 0.4208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 235, 162) }
```

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

```
.background{ background-color: rgb(160,  
235, 162) }
```

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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