

Converting Colors

$Yxy(73.7295, 0.2988, 0.4000)$

Have a look what the booklet for
Yxy(73.7295, 0.2988, 0.4000)
contains.

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Color

Yxy(73.6969, 0.2989, 0.3997)

Conversions

Conversions Part 1

Format	Color
Hex	A5F0B6
RGB	165, 240, 182
RGB Percent	65%, 94%, 71%
CMY	0.3532, 0.0588, 0.2863
CMYK	0.31, 0.00, 0.24, 0.06
HSL	134°, 71%, 79%
HSV	134°, 31%, 94%
XYZ	55.1113, 73.6969, 55.5723
YIQ	210.9630, -26.0820, -33.9380

Conversions

Conversions Part 2

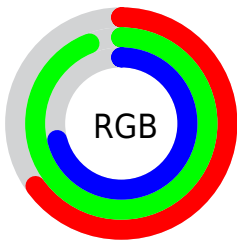
Format	Color
RYB	165, 226, 240
Decimal	10875062
CIELab	88.78, -34.70, 20.82
CIELCh	89, 40.465, 149.031
Yxy	73.6969, 0.2989, 0.3997
Android (android.graphics.Color)	4289065142 (0xFFA5F0B6)
YUV	210.9630, -14.2788, -40.3096
Hunter-Lab	85.8469, -35.6400, 21.7119

Details

The Yxy color **73.6969, 0.2989, 0.3997** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **50.7444, 0.3305, 0.2675**, and the grayscale version is **65.2185, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.2226, 0.3021, 0.3464**, and **39.2455, 0.2949, 0.4184** is the 20% darker color. If you saturate the color by 10%, you get **70.6474, 0.2951, 0.4272**, and if you desaturate by 10%, it is **77.3370, 0.3032, 0.3744**.

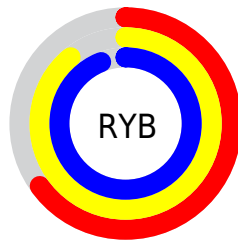
Distribution



Red (65%)

Green (94%)

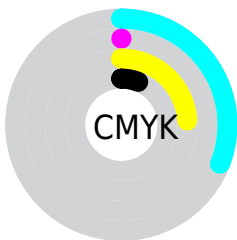
Blue (71%)



Red (65%)

Yellow (89%)

Blue (94%)

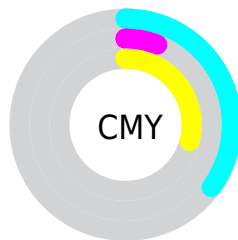


Cyan (31%)

Magenta (0%)

Yellow (24%)

Black (6%)



Cyan (35%)


Magenta (6%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.6969, 0.2989, 0.3997 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 73.6969, 0.2989, 0.3997 by changing the saturation by 10% instead.


 73.6969, 0.2989,
0.3997


 73.6969, 0.2989,
0.3997


473.4266, 0.3061,
0.3655

 54.5460, 0.2971,
0.4079


 124.4660, 0.3016,
0.3875

 39.0383, 0.2947,
0.4182


 156.8531, 0.3025,
0.3829

 26.7896, 0.2915,
0.4315

194.4210, 0.3034,
0.3789

 17.4152, 0.2869,
0.4495

237.5541, 0.3041,
0.3755

 10.5310, 0.2802,
0.4749

286.6368, 0.3047,
0.3725

 5.7524, 0.2692,
0.5132

342.0535, 0.3052,

 2.6951, 0.2492,


0.3699

0.5776


404.1887, 0.3057,
0.3676


 0.9747, 0.0730,
0.9270


 0.0000, 0.0000,
0.0000


 73.6969, 0.2989,
0.3997


 73.6969, 0.2989,
0.3997

 70.6474, 0.2951,
0.4272


 77.3370, 0.3032,
0.3744


 68.1483, 0.2919,
0.4563

 81.5873, 0.3077,
0.3516

 66.1686, 0.2898,
0.4859

 86.4775, 0.3121,
0.3314

 64.6706, 0.2889,
0.5146

 90.8093, 0.3134,
0.3146

■ 63.6112, 0.2895,
0.5407

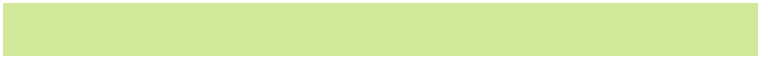
■ 62.9391, 0.2914,
0.5626

■ 62.6005, 0.2937,
0.5775

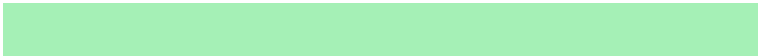
Harmonies

Analogous

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



73.6969, 0.3469, 0.4170



73.6969, 0.2989, 0.3997



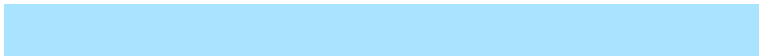
73.6969, 0.2567, 0.3579

Triad

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



73.6969, 0.2989, 0.3997



73.6969, 0.2400, 0.2536



73.6969, 0.4023, 0.3375

Complementary

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



73.6969, 0.2989, 0.3997



50.7444, 0.3305, 0.2675

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.



73.6969, 0.3691, 0.3002



73.6969, 0.2989, 0.3997



73.6969, 0.2740, 0.2537

Square

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



73.6969, 0.2989, 0.3997



73.6969, 0.2248, 0.2725



73.6969, 0.3210, 0.2705



73.6969, 0.4087, 0.3756

Rectangle

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



73.6969, 0.2989, 0.3997



73.6969, 0.2371, 0.3253



73.6969, 0.3210, 0.2705



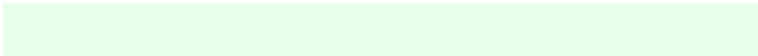
73.6969, 0.3938, 0.3246

Sweetspot

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



73.7000, 0.2989, 0.3997



94.8139, 0.3087, 0.3468



80.8514, 0.3482, 0.4104



20.1269, 0.3080, 0.3499



0.0000, 0.0000, 0.0000



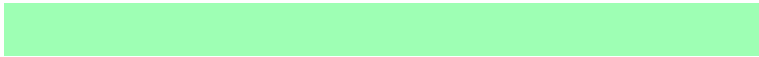
21.4041, 0.3127, 0.3290

Same Dimension

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



73.7000, 0.2989, 0.3997



82.0989, 0.2962, 0.4183



75.4239, 0.2788, 0.3539



17.7152, 0.3085, 0.3478



34.2800, 0.2931, 0.5751



2.8664, 0.2864, 0.5509

Inverse Universe

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



50.7444, 0.3305, 0.2675



51.6306, 0.3355, 0.2540



48.9728, 0.3637, 0.3057



15.9664, 0.3173, 0.3109



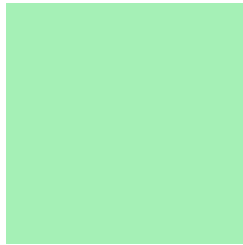
12.0911, 0.3882, 0.1912



1.0207, 0.3775, 0.1853

Previews

White Background



This preview shows how the Yxy color 73.6969, 0.2989, 0.3997 looks on a white background.

Color Contrast Check

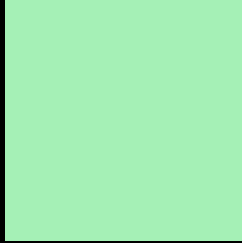
Large Text (above 18pt) WCAG AA × Fail

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 73.6969, 0.2989, 0.3997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

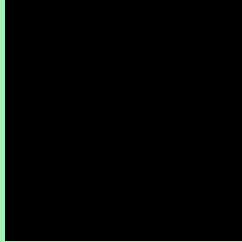
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.6969, 0.2989, 0.3997

Background



This preview shows how black text looks on a background with the Yxy color 73.6969, 0.2989, 0.3997.

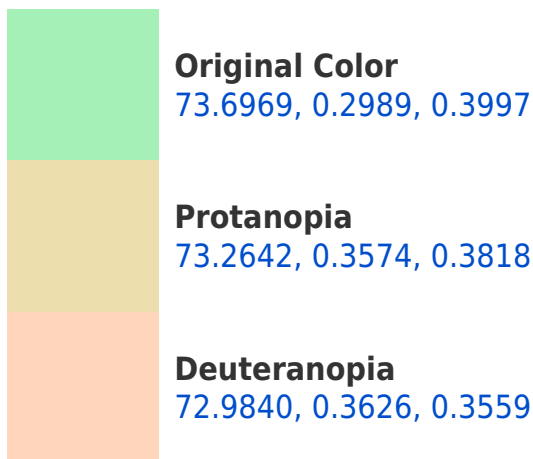


This preview shows how white text looks on a background with the Yxy color 73.6969, 0.2989, 0.3997.

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

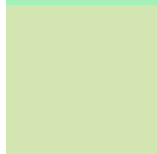
73.5189, 0.2686, 0.3077

Trichromacy



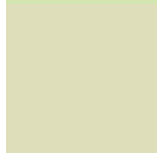
Original Color

73.6969, 0.2989, 0.3997



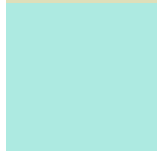
Protanomaly

73.0221, 0.3343, 0.3892



Deuteranomaly

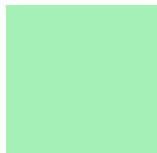
71.8501, 0.3368, 0.3702



Tritanomaly

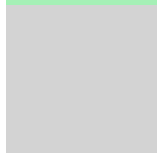
73.1661, 0.2794, 0.3394

Monochromacy



Original Color

73.6969, 0.2989, 0.3997



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

67.8820, 0.3073, 0.3548

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6969, 0.2989, 0.3997 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(165, 240, 182)` looks like.

```
.text, #text, p{  
    color:rgb(165, 240, 182)  
}
```

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(165, 240, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 240, 182) }
```

Border

The CSS property to change the border of an element to Yxy 73.6969, 0.2989, 0.3997 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(165, 240, 182) }
```

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

```
.border{ border-color:rgb(165, 240, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 240, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 240, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 240, 182);  
box-shadow:4px 4px 4px 4px rgb(165, 240,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6969, 0.2989, 0.3997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 240, 182) }
```

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

```
.background{ background-color: rgb(165,  
240, 182) }
```

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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