

Converting Colors

Yxy(69.7058, 0.2641, 0.3009)

Have a look what the booklet for
Yxy(69.7058, 0.2641, 0.3009)
contains.

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Color

Yxy(69.4105, 0.2639, 0.3005)

Conversions

Conversions Part 1

Format	Color
Hex	ABE1FA
RGB	171, 225, 250
RGB Percent	67%, 88%, 98%
CMY	0.3298, 0.1175, 0.0197
CMYK	0.32, 0.10, 0.00, 0.02
HSL	199°, 89%, 83%
HSV	199°, 32%, 98%
XYZ	60.9565, 69.4105, 100.6164
YIQ	211.7040, -40.2090, -3.6730

Conversions

Conversions Part 2

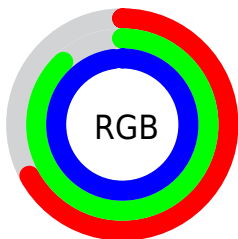
Format	Color
RYB	171, 203, 250
Decimal	11264506
CIELab	86.71, -11.52, -17.72
CIElCh	87, 21.137, 236.984
Yxy	69.4105, 0.2639, 0.3005
Android (android.graphics.Color)	4289454586 (0xFFABE1FA)
YUV	211.7040, 18.8799, -35.6974
Hunter-Lab	83.3130, -15.1969, -13.2849

Details

The Yxy color **69.4105, 0.2639, 0.3005** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62.6746, 0.3772, 0.3557**, and the grayscale version is **65.5126, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2340, 0.2964, 0.3290**, and **36.3127, 0.2530, 0.2944** is the 20% darker color. If you saturate the color by 10%, you get **62.7000, 0.2493, 0.2898**, and if you desaturate by 10%, it is **76.8543, 0.2791, 0.3104**.

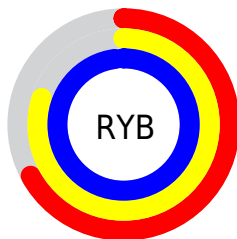
Distribution



Red (67%)

Green (88%)

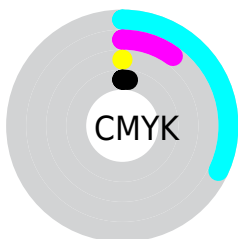
Blue (98%)



Red (67%)

Yellow (80%)

Blue (98%)

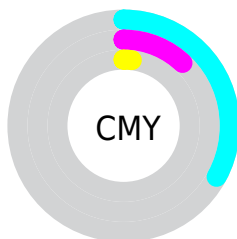


Cyan (32%)

Magenta (10%)

Yellow (0%)

Black (2%)



Cyan (33%)

Magenta (12%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.4105, 0.2639, 0.3005 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 69.4105, 0.2639, 0.3005 by changing the saturation by 10% instead.

69.4105, 0.2639,
0.3005

69.4105, 0.2639,
0.3005

458.4774, 0.2863,
0.3141

51.0461, 0.2589,
0.2973

118.3677, 0.2716,
0.3053

36.2453, 0.2527,
0.2934

149.7293, 0.2746,
0.3071

24.6237, 0.2449,
0.2883

186.1921, 0.2772,
0.3087

15.7969, 0.2349,
0.2816

228.1404, 0.2795,
0.3100

9.3806, 0.2215,
0.2724

275.9587, 0.2815,
0.3112

4.9902, 0.2027,
0.2589

330.0314, 0.2833,

2.2415, 0.1749,

0.3123

0.2376

390.7428, 0.2848,
0.3132

0.7425, 0.1157,
0.2023

0.0000, 0.0000,
0.0000

69.4105, 0.2639,
0.3005

69.4105, 0.2639,
0.3005

62.7000, 0.2493,
0.2898

76.8543, 0.2791,
0.3104

56.6820, 0.2358,
0.2785

85.0535, 0.2947,
0.3195

51.3236, 0.2237,
0.2667

94.0391, 0.3102,
0.3277

46.5850, 0.2133,
0.2546

99.6814, 0.3156,
0.3338

■ 42.4209, 0.2048,
0.2424

■ 38.7773, 0.1985,
0.2303

■ 36.0620, 0.1946,
0.2204

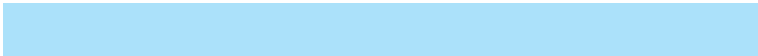
Harmonies

Analogous

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



69.4105, 0.2683, 0.3216



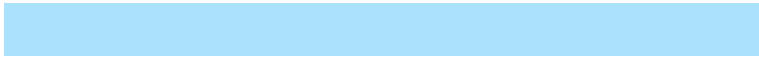
69.4105, 0.2639, 0.3005



69.4105, 0.2719, 0.2882

Triad

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



69.4105, 0.2639, 0.3005



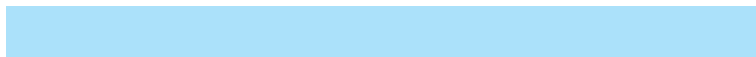
69.4105, 0.3413, 0.3123



69.4105, 0.3337, 0.3749

Complementary

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



69.4105, 0.2639, 0.3005



62.6746, 0.3772, 0.3557

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.



69.4105, 0.3545, 0.3701



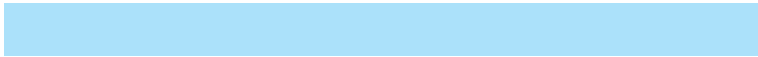
69.4105, 0.2639, 0.3005



69.4105, 0.3592, 0.3335

Square

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



69.4105, 0.2639, 0.3005



69.4105, 0.3159, 0.2955



69.4105, 0.3640, 0.3546



69.4105, 0.3079, 0.3662

Rectangle

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



69.4105, 0.2639, 0.3005



69.4105, 0.2834, 0.2860



69.4105, 0.3640, 0.3546



69.4105, 0.3415, 0.3748

Sweetspot

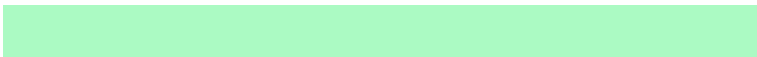
The Sweet Spot groups the original color and five complimentary colors.



69.4132, 0.2639, 0.3005



91.3696, 0.2987, 0.3217



80.9336, 0.2956, 0.3938



19.2719, 0.2965, 0.3205



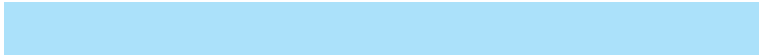
0.0000, 0.0000, 0.0000



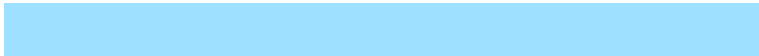
21.4041, 0.3127, 0.3290

Same Dimension

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



69.4132, 0.2639, 0.3005



68.0357, 0.2545, 0.2938



50.9684, 0.2584, 0.2545



18.6304, 0.2980, 0.3213



19.4002, 0.1951, 0.2224



1.9869, 0.1991, 0.2366

Inverse Universe

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



54.8471, 0.3366, 0.2733



51.1524, 0.3430, 0.2619



82.2008, 0.3652, 0.3938



17.4259, 0.3187, 0.3129



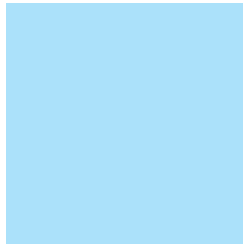
12.3694, 0.4207, 0.2091



1.1648, 0.4058, 0.2009

Previews

White Background



This preview shows how the Yxy color 69.4105, 0.2639, 0.3005 looks on a white background.

Color Contrast Check

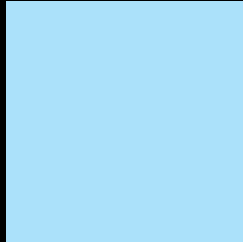
Large Text (above 18pt) WCAG AA × Fail

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 69.4105, 0.2639, 0.3005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

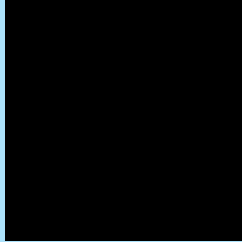
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.4105, 0.2639, 0.3005

Background



This preview shows how black text looks on a background with the Yxy color 69.4105, 0.2639, 0.3005.

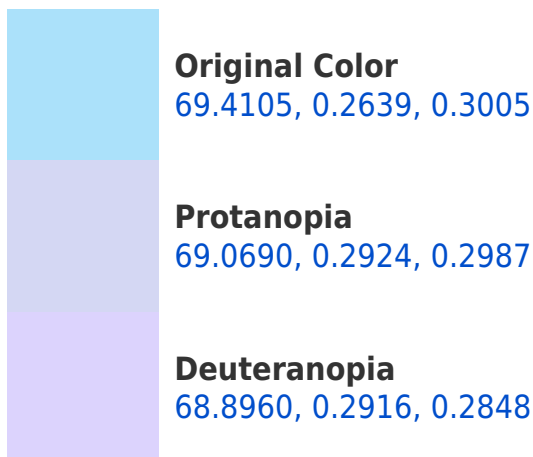


This preview shows how white text looks on a background with the Yxy color 69.4105, 0.2639, 0.3005.

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

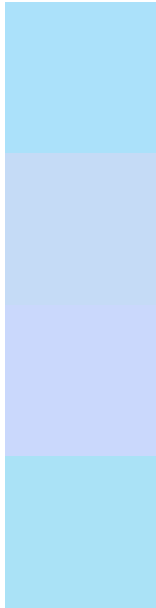




Tritanopia

69.4704, 0.2666, 0.3082

Trichromacy



Original Color

69.4105, 0.2639, 0.3005

Protanomaly

69.1872, 0.2810, 0.2991

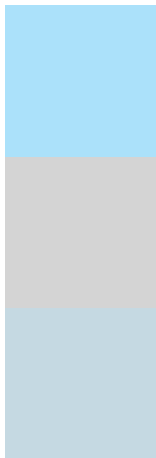
Deuteranomaly

68.6966, 0.2805, 0.2898

Tritanomaly

69.5926, 0.2656, 0.3060

Monochromacy



Original Color

69.4105, 0.2639, 0.3005

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.9870, 0.2929, 0.3187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.4105, 0.2639, 0.3005 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, 225, 250)` looks like.

```
.text, #text, p{  
    color:rgb(171, 225, 250)  
}
```

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, 225, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 225, 250) }
```

Border

The CSS property to change the border of an element to Yxy 69.4105, 0.2639, 0.3005 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, 225, 250) }
```

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

```
.border{ border-color:rgb(171, 225, 250) }
```

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

Here you see how a box with a 4 pixel rgb(171, 225, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 225, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 225, 250);  
box-shadow:4px 4px 4px 4px rgb(171, 225,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 69.4105, 0.2639, 0.3005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 225, 250) }
```

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

```
.background{ background-color: rgb(171,  
225, 250) }
```

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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