

Converting Colors

$Yxy(69.5014, 0.2665, 0.3003)$

Have a look what the booklet for
Yxy(69.5014, 0.2665, 0.3003)
contains.

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Color

Yxy(69.3274, 0.2661, 0.2995)

Conversions

Conversions Part 1

Format	Color
Hex	AFE0FA
RGB	175, 224, 250
RGB Percent	69%, 88%, 98%
CMY	0.3135, 0.1216, 0.0197
CMYK	0.30, 0.10, 0.00, 0.02
HSL	201°, 88%, 83%
HSV	201°, 30%, 98%
XYZ	61.5961, 69.3274, 100.5537
YIQ	212.3130, -37.5500, -2.3020

Conversions

Conversions Part 2

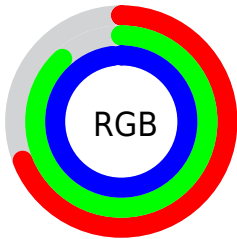
Format	Color
R_{YB}	175, 205, 250
Decimal	11526394
CIE _{Lab}	86.67, -9.84, -17.75
CIE _{LCh}	87, 20.297, 241.009
Yxy	69.3274, 0.2661, 0.2995
Android (android.graphics.Color)	4289716474 (0xFFAFE0FA)
YUV	212.3130, 18.5797, -32.7235
Hunter-Lab	83.2631, -13.6603, -13.3181

Details

The Yxy color **69.3274, 0.2661, 0.2995** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.2073, 0.3722, 0.3566**, and the grayscale version is **65.9581, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8958, 0.2987, 0.3290**, and **36.2193, 0.2554, 0.2931** is the 20% darker color. If you saturate the color by 10%, you get **62.1580, 0.2511, 0.2878**, and if you desaturate by 10%, it is **77.2752, 0.2816, 0.3103**.

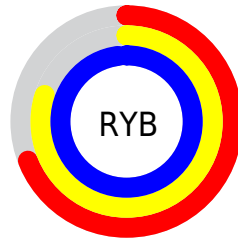
Distribution



Red (69%)

Green (88%)

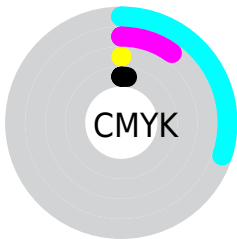
Blue (98%)



Red (69%)

Yellow (80%)

Blue (98%)

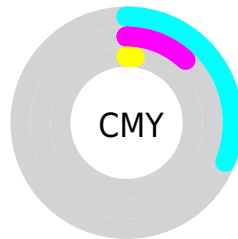


Cyan (30%)

Magenta (10%)

Yellow (0%)

Black (2%)



Cyan (31%)

Magenta (12%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.3274, 0.2661, 0.2995 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 69.3274, 0.2661, 0.2995 by changing the saturation by 10% instead.

■ 69.3274, 0.2661,
0.2995

■ 69.3274, 0.2661,
0.2995

■ 458.1848, 0.2875,
0.3135

■ 50.9784, 0.2613,
0.2962

■ 118.2491, 0.2735,
0.3044

■ 36.1914, 0.2553,
0.2922

■ 149.5905, 0.2764,
0.3063

■ 24.5821, 0.2479,
0.2870

■ 186.0316, 0.2788,
0.3079

■ 15.7660, 0.2383,
0.2802

■ 227.9567, 0.2810,
0.3093

■ 9.3587, 0.2254,
0.2708

■ 275.7501, 0.2829,
0.3106

■ 4.9759, 0.2073,
0.2572

■ 329.7964, 0.2846,

■ 2.2331, 0.1803,

0.3116

0.2357

390.4798, 0.2861,
0.3126

0.7380, 0.1247,
0.1996

0.0000, 0.0000,
0.0000

69.3274, 0.2661,
0.2995

69.3274, 0.2661,
0.2995

62.1580, 0.2511,
0.2878

77.2752, 0.2816,
0.3103

55.7258, 0.2370,
0.2754

86.0240, 0.2972,
0.3201

49.9975, 0.2242,
0.2624

95.6053, 0.3128,
0.3290

44.9331, 0.2130,
0.2490

99.6804, 0.3156,
0.3338

■ 40.4876, 0.2037,
0.2355

■ 36.6076, 0.1966,
0.2221

■ 33.2082, 0.1914,
0.2091

■ 33.1978, 0.1914,
0.2090

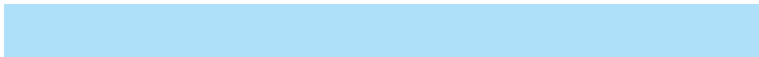
Harmonies

Analogous

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



69.3274, 0.2687, 0.3189



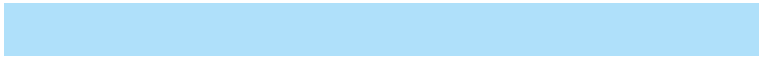
69.3274, 0.2661, 0.2995



69.3274, 0.2753, 0.2890

Triad

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



69.3274, 0.2661, 0.2995



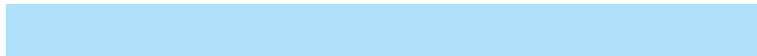
69.3274, 0.3431, 0.3155



69.3274, 0.3297, 0.3727

Complementary

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



69.3274, 0.2661, 0.2995



65.2073, 0.3722, 0.3566

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.



69.3274, 0.3507, 0.3699



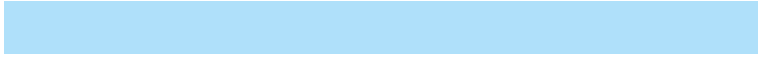
69.3274, 0.2661, 0.2995



69.3274, 0.3588, 0.3362

Square

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



69.3274, 0.2661, 0.2995



69.3274, 0.3192, 0.2985



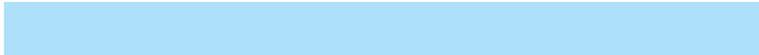
69.3274, 0.3615, 0.3561



69.3274, 0.3048, 0.3626

Rectangle

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



69.3274, 0.2661, 0.2995



69.3274, 0.2872, 0.2877



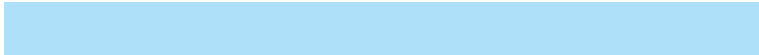
69.3274, 0.3615, 0.3561



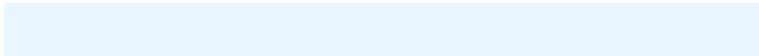
69.3274, 0.3375, 0.3732

Sweetspot

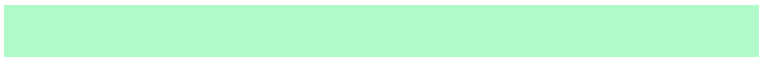
The Sweet Spot groups the original color and five complimentary colors.



69.3302, 0.2661, 0.2995



90.9312, 0.2987, 0.3210



81.6466, 0.2951, 0.3868



19.1636, 0.2965, 0.3197



0.0000, 0.0000, 0.0000



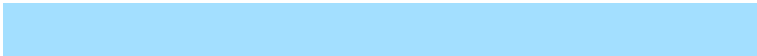
21.4041, 0.3127, 0.3290

Same Dimension

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



69.3302, 0.2661, 0.2995



67.8921, 0.2569, 0.2925



51.7941, 0.2612, 0.2561



18.5359, 0.2980, 0.3206



17.8928, 0.1920, 0.2112



1.8552, 0.1964, 0.2269

Inverse Universe

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



56.3840, 0.3370, 0.2786



52.8622, 0.3435, 0.2681



84.2672, 0.3615, 0.3926



17.4163, 0.3191, 0.3136



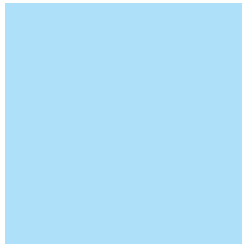
12.2172, 0.4328, 0.2158



1.1515, 0.4159, 0.2065

Previews

White Background



This preview shows how the Yxy color 69.3274, 0.2661, 0.2995 looks on a white background.

Color Contrast Check

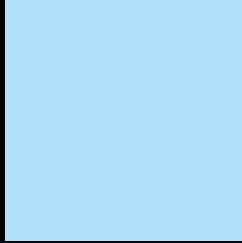
Large Text (above 18pt) WCAG AA × Fail

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 69.3274, 0.2661, 0.2995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

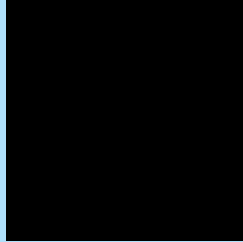
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

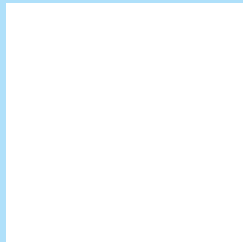
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.3274, 0.2661, 0.2995

Background



This preview shows how black text looks on a background with the Yxy color 69.3274, 0.2661, 0.2995.

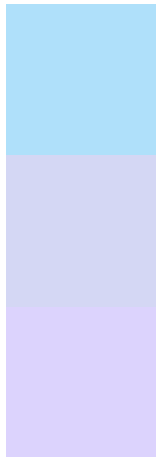


This preview shows how white text looks on a background with the Yxy color 69.3274, 0.2661, 0.2995.

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

69.3274, 0.2661, 0.2995

Protanopia

69.1296, 0.2918, 0.2976

Deuteranopia

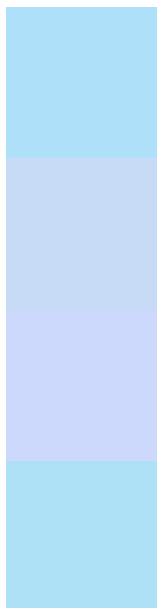
68.8960, 0.2916, 0.2848



Tritanopia

69.3202, 0.2693, 0.3083

Trichromacy



Original Color

69.3274, 0.2661, 0.2995

Protanomaly

68.9387, 0.2822, 0.2981

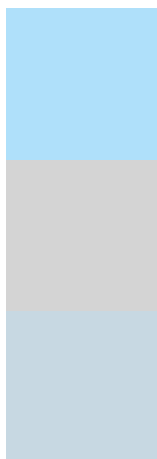
Deuteranomaly

68.9774, 0.2818, 0.2900

Tritanomaly

69.5029, 0.2677, 0.3050

Monochromacy



Original Color

69.3274, 0.2661, 0.2995

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.7448, 0.2942, 0.3176

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.3274, 0.2661, 0.2995 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(175, 224, 250)` looks like.

```
.text, #text, p{  
    color:rgb(175, 224, 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(175, 224, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 224, 250) }
```

Border

The CSS property to change the border of an element to Yxy 69.3274, 0.2661, 0.2995 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(175, 224, 250) }
```

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

```
.border{ border-color:rgb(175, 224, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 224, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 224, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 224, 250);  
box-shadow:4px 4px 4px 4px rgb(175, 224,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 69.3274, 0.2661, 0.2995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 224, 250) }
```

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

```
.background{ background-color: rgb(175,  
224, 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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