

Converting Colors

$Yxy(69.8841, 0.2631, 0.3039)$

Have a look what the booklet for
Yxy(69.8841, 0.2631, 0.3039)
contains.

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Color

Yxy(70.1026, 0.2631, 0.3038)

Conversions

Conversions Part 1

Format	Color
Hex	A8E3F9
RGB	168, 227, 249
RGB Percent	66%, 89%, 98%
CMY	0.3412, 0.1098, 0.0236
CMYK	0.33, 0.09, 0.00, 0.02
HSL	196°, 87%, 82%
HSV	196°, 33%, 98%
XYZ	60.7110, 70.1026, 99.9389
YIQ	211.8670, -42.2260, -5.6660

Conversions

Conversions Part 2

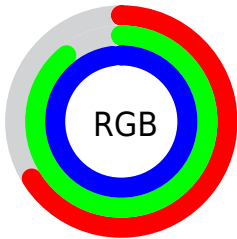
Format	Color
R _Y B	168, 202, 249
Decimal	11068409
CIE Lab	87.05, -13.56, -16.70
CIE LCh	87, 21.513, 230.916
Yxy	70.1026, 0.2631, 0.3038
Android (android.graphics.Color)	4289258489 (0xFFA8E3F9)
YUV	211.8670, 18.3066, -38.4714
Hunter-Lab	83.7273, -17.0918, -12.1608

Details

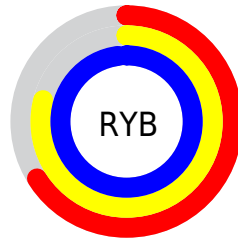
The Yxy color **70.1026, 0.2631, 0.3038** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.7711, 0.3808, 0.3527**, and the grayscale version is **65.6414, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7476, 0.2946, 0.3289**, and **36.8660, 0.2516, 0.2974** is the 20% darker color. If you saturate the color by 10%, you get **64.0067, 0.2491, 0.2947**, and if you desaturate by 10%, it is **76.8721, 0.2780, 0.3123**.

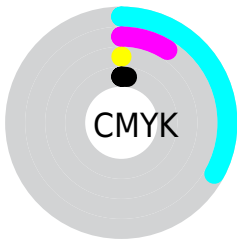
Distribution



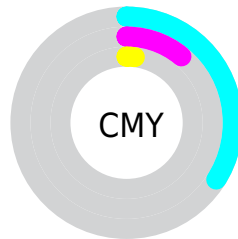
- Red (66%)
- Green (89%)
- Blue (98%)



- Red (66%)
- Yellow (79%)
- Blue (98%)



- Cyan (33%)
- Magenta (9%)
- Yellow (0%)
- Black (2%)



- Cyan (34%)
- Magenta (11%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.1026, 0.2631, 0.3038 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 70.1026, 0.2631, 0.3038 by changing the saturation by 10% instead.

70.1026, 0.2631,
0.3038

70.1026, 0.2631,
0.3038

460.9102, 0.2858,
0.3159

51.6102, 0.2580,
0.3010

119.3551, 0.2709,
0.3081

36.6945, 0.2517,
0.2974

150.8839, 0.2740,
0.3097

24.9710, 0.2439,
0.2928

187.5270, 0.2766,
0.3111

16.0555, 0.2338,
0.2868

229.6687, 0.2789,
0.3123

9.5634, 0.2203,
0.2784

277.6935, 0.2809,
0.3134

5.1105, 0.2014,
0.2661

331.9858, 0.2827,

2.3122, 0.1735,

0.3143

0.2464

392.9299, 0.2843,
0.3151

0.7802, 0.1128,
0.2145

0.0000, 0.0000,
0.0000

70.1026, 0.2631,
0.3038

70.1026, 0.2631,
0.3038

64.0067, 0.2491,
0.2947

76.8721, 0.2780,
0.3123

58.5446, 0.2362,
0.2850

84.3361, 0.2933,
0.3202

53.6843, 0.2248,
0.2750

92.5246, 0.3088,
0.3273

49.3872, 0.2153,
0.2647

98.9993, 0.3162,
0.3338

■ 45.6087, 0.2077,
0.2544

■ 99.6185, 0.3162,
0.3347

■ 42.2956, 0.2021,
0.2441

■ 40.0661, 0.1991,
0.2366

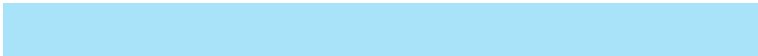
Harmonies

Analogous

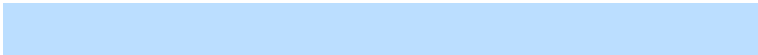
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.1026, 0.2700, 0.3264



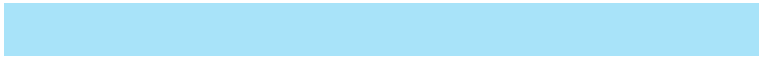
70.1026, 0.2631, 0.3038



70.1026, 0.2687, 0.2893

Triad

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



70.1026, 0.2631, 0.3038



70.1026, 0.3369, 0.3081



70.1026, 0.3389, 0.3757

Complementary

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



70.1026, 0.2631, 0.3038



59.7711, 0.3808, 0.3527

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.



70.1026, 0.3581, 0.3683



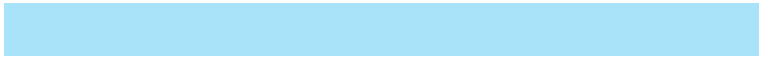
70.1026, 0.2631, 0.3038



70.1026, 0.3572, 0.3291

Square

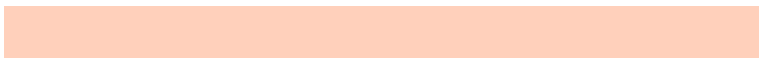
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.1026, 0.2631, 0.3038



70.1026, 0.3105, 0.2924



70.1026, 0.3650, 0.3509



70.1026, 0.3132, 0.3696

Rectangle

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



70.1026, 0.2631, 0.3038



70.1026, 0.2789, 0.2855



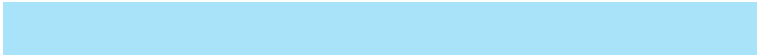
70.1026, 0.3650, 0.3509



70.1026, 0.3464, 0.3746

Sweetspot

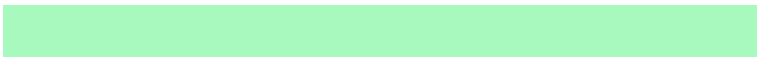
The Sweet Spot groups the original color and five complimentary colors.



70.1054, 0.2631, 0.3038



91.1460, 0.2972, 0.3220



79.7635, 0.2967, 0.3993



19.2561, 0.2950, 0.3210



0.0000, 0.0000, 0.0000



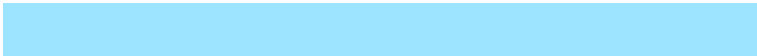
21.4041, 0.3127, 0.3290

Same Dimension

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



70.1054, 0.2631, 0.3038



69.7421, 0.2538, 0.2979



50.6527, 0.2571, 0.2554



18.7654, 0.2980, 0.3224



21.6982, 0.1995, 0.2382



2.1853, 0.2029, 0.2504

Inverse Universe

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



53.6824, 0.3344, 0.2682



50.4889, 0.3401, 0.2561



79.6031, 0.3676, 0.3930



17.4395, 0.3180, 0.3119



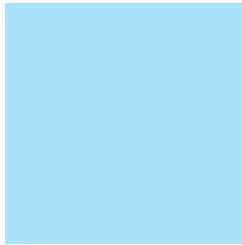
12.6013, 0.4041, 0.2000



1.1848, 0.3918, 0.1932

Previews

White Background



This preview shows how the Yxy color 70.1026, 0.2631, 0.3038 looks on a white background.

Color Contrast Check

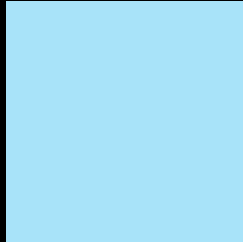
Large Text (above 18pt) WCAG AA × Fail

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 70.1026, 0.2631, 0.3038 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 70.1026, 0.2631, 0.3038

Background



This preview shows how black text looks on a background with the Yxy color 70.1026, 0.2631, 0.3038.

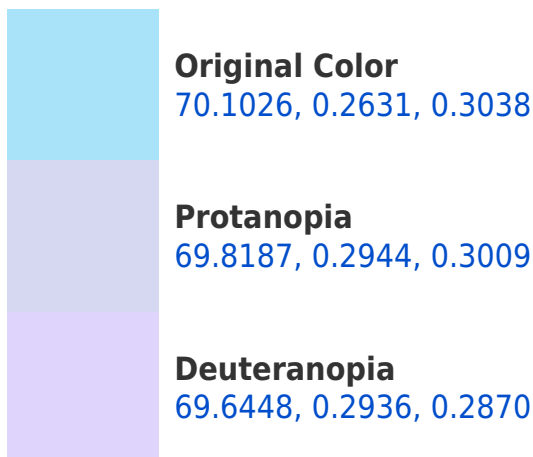


This preview shows how white text looks on a background with the Yxy color 70.1026, 0.2631, 0.3038.

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

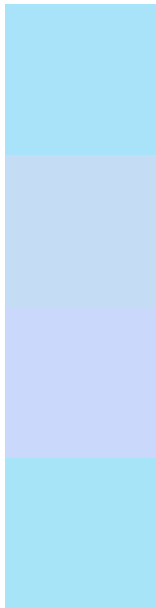




Tritanopia

70.3561, 0.2642, 0.3082

Trichromacy



Original Color

70.1026, 0.2631, 0.3038

Protanomaly

69.6493, 0.2816, 0.3013

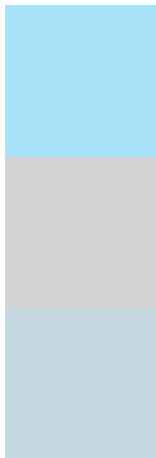
Deuteranomaly

69.1473, 0.2811, 0.2920

Tritanomaly

70.4177, 0.2637, 0.3071

Monochromacy



Original Color

70.1026, 0.2631, 0.3038

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.7977, 0.2929, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.1026, 0.2631, 0.3038 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(168, 227, 249)` looks like.

```
.text, #text, p{  
    color:rgb(168, 227, 249)  
}
```

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(168, 227, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 227, 249) }
```

Border

The CSS property to change the border of an element to Yxy 70.1026, 0.2631, 0.3038 is called "border". The border property can be set on classes, ids or directly on the HTML element.

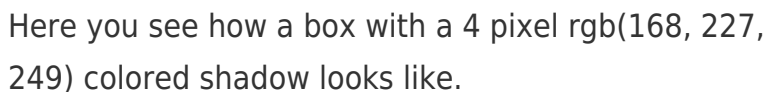
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 227, 249) }
```

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

```
.border{ border-color:rgb(168, 227, 249) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 227, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 227, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 227, 249); box-shadow:4px 4px 4px 4px rgb(168, 227, 249) }
```


Background

The CSS property to change the background color of an element to Yxy 70.1026, 0.2631, 0.3038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 227, 249) }
```

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

```
.background{ background-color: rgb(168,  
227, 249) }
```

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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