

Converting Colors

$Yxy(70.9207, 0.2657, 0.3058)$

Have a look what the booklet for
Yxy(70.9207, 0.2657, 0.3058)
contains.

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Color

Yxy(71.0348, 0.2659, 0.3062)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | ACE4F8 |
| RGB | 172, 228, 248 |
| RGB Percent | 67%, 89%, 97% |
| CMY | 0.3258, 0.1058, 0.0274 |
| CMYK | 0.31, 0.08, 0.00, 0.03 |
| HSL | 196°, 84%, 82% |
| HSV | 196°, 31%, 97% |
| XYZ | 61.6857, 71.0348, 99.2678 |
| YIQ | 213.5360, -39.7960, -5.6520 |

Conversions

Conversions Part 2

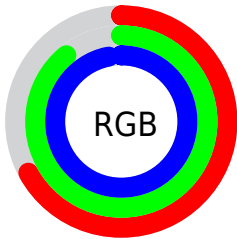
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 172, 204, 248 |
| Decimal | 11330808 |
| CIE _{Lab} | 87.50, -13.23, -15.48 |
| CIE _{LCh} | 88, 20.363, 229.477 |
| Yxy | 71.0348, 0.2659, 0.3062 |
| Android (android.graphics.Color) | 4289520888 (0xFFACE4F8) |
| YUV | 213.5360, 16.9908, -36.4271 |
| Hunter-Lab | 84.2821, -16.8505, -10.8344 |

Details

The Yxy color **71.0348, 0.2659, 0.3062** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60.5855, 0.3760, 0.3506**, and the grayscale version is **66.8120, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3980, 0.2970, 0.3290**, and **37.4748, 0.2550, 0.3005** is the 20% darker color. If you saturate the color by 10%, you get **64.9737, 0.2518, 0.2975**, and if you desaturate by 10%, it is **77.7600, 0.2808, 0.3143**.

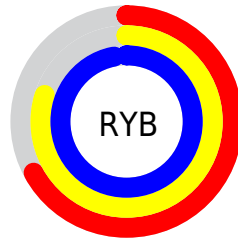
Distribution



Red (67%)

Green (89%)

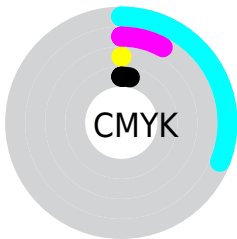
Blue (97%)



Red (67%)

Yellow (80%)

Blue (97%)

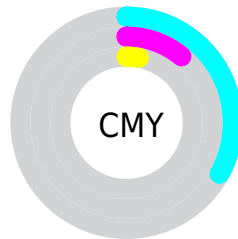


Cyan (31%)

Magenta (8%)

Yellow (0%)

Black (3%)



Cyan (33%)


Magenta (11%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.0348, 0.2659, 0.3062 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 71.0348, 0.2659, 0.3062 by changing the saturation by 10% instead.

 71.0348, 0.2659,
0.3062

 71.0348, 0.2659,
0.3062


464.1751, 0.2873,
0.3171

 52.3706, 0.2611,
0.3036


 120.6833, 0.2733,
0.3100

 37.3006, 0.2552,
0.3004


152.4363, 0.2761,
0.3115

 25.4403, 0.2478,
0.2963


189.3211, 0.2786,
0.3128

 16.4054, 0.2383,
0.2909

231.7221, 0.2808,
0.3139

 9.8115, 0.2255,
0.2833

280.0235, 0.2827,
0.3148

 5.2741, 0.2077,
0.2721

334.6099, 0.2844,

 2.4090, 0.1812,

0.3157

0.2543

395.8657, 0.2859,
0.3164

0.8305, 0.1265,
0.2253

0.0000, 0.0000,
0.0000

71.0348, 0.2659,
0.3062

71.0348, 0.2659,
0.3062

64.9737, 0.2518,
0.2975

77.7600, 0.2808,
0.3143

59.5377, 0.2387,
0.2882

85.1692, 0.2962,
0.3218

54.6959, 0.2272,
0.2786

93.2918, 0.3117,
0.3286

50.4110, 0.2174,
0.2687

98.9668, 0.3168,
0.3348

■ 46.6406, 0.2096,
0.2588

■ 99.5575, 0.3168,
0.3357

■ 43.3337, 0.2038,
0.2489

■ 40.5943, 0.1999,
0.2398

Harmonies

Analogous

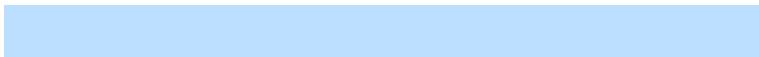
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.0348, 0.2730, 0.3278



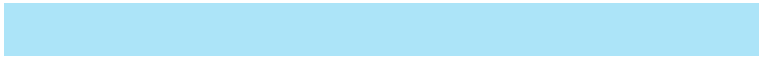
71.0348, 0.2659, 0.3062



71.0348, 0.2706, 0.2920

Triad

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



71.0348, 0.2659, 0.3062



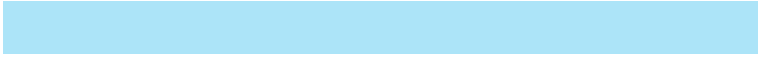
71.0348, 0.3344, 0.3084



71.0348, 0.3385, 0.3729

Complementary

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



71.0348, 0.2659, 0.3062



60.5855, 0.3760, 0.3506

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.



71.0348, 0.3561, 0.3654



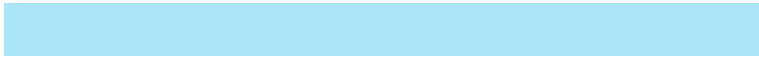
71.0348, 0.2659, 0.3062



71.0348, 0.3539, 0.3281

Square

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



71.0348, 0.2659, 0.3062



71.0348, 0.3095, 0.2939



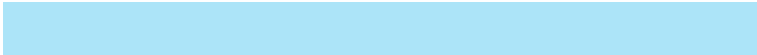
71.0348, 0.3619, 0.3488



71.0348, 0.3144, 0.3678

Rectangle

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



71.0348, 0.2659, 0.3062



71.0348, 0.2800, 0.2881



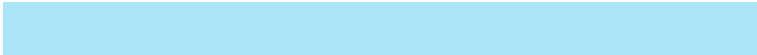
71.0348, 0.3619, 0.3488



71.0348, 0.3454, 0.3717

Sweetspot

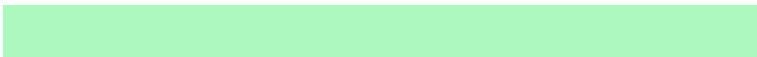
The Sweet Spot groups the original color and five complimentary colors.



71.0376, 0.2659, 0.3062



92.1191, 0.2988, 0.3230



79.6563, 0.2982, 0.3961



19.4572, 0.2965, 0.3219



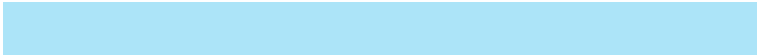
0.0000, 0.0000, 0.0000



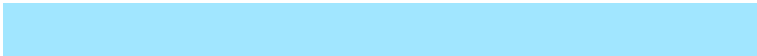
21.4041, 0.3127, 0.3290

Same Dimension

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



71.0376, 0.2659, 0.3062



71.4792, 0.2568, 0.3007



52.7726, 0.2608, 0.2618



18.7919, 0.2980, 0.3226



22.1693, 0.2004, 0.2413



2.2257, 0.2036, 0.2531

Inverse Universe

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



55.0323, 0.3323, 0.2711



52.3534, 0.3376, 0.2590



78.9602, 0.3645, 0.3881



17.4422, 0.3178, 0.3117



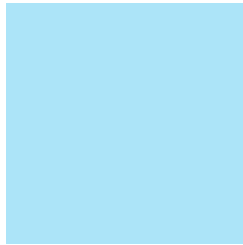
12.6489, 0.4009, 0.1982



1.1889, 0.3892, 0.1918

Previews

White Background



This preview shows how the Yxy color 71.0348, 0.2659, 0.3062 looks on a white background.

Color Contrast Check

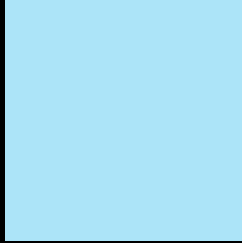
Large Text (above 18pt) WCAG AA × Fail

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 71.0348, 0.2659, 0.3062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

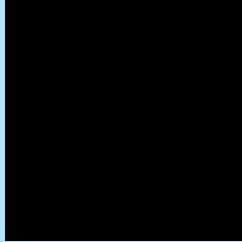
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.0348, 0.2659, 0.3062

Background



This preview shows how black text looks on a background with the Yxy color 71.0348, 0.2659, 0.3062.

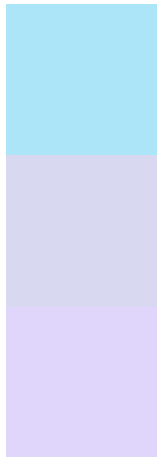


This preview shows how white text looks on a background with the Yxy color 71.0348, 0.2659, 0.3062.

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

71.0348, 0.2659, 0.3062

Protanopia

70.5755, 0.2964, 0.3032

Deuteranopia

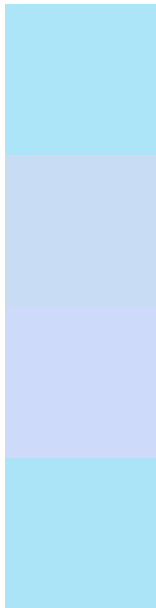
70.4008, 0.2956, 0.2892



Tritanopia

70.9729, 0.2665, 0.3073

Trichromacy



Original Color

71.0348, 0.2659, 0.3062

Protanomaly

70.5239, 0.2842, 0.3037

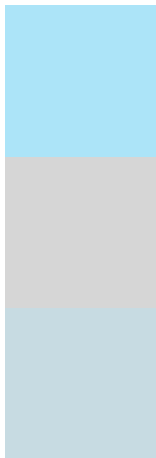
Deuteranomaly

70.0241, 0.2837, 0.2943

Tritanomaly

70.9729, 0.2665, 0.3073

Monochromacy



Original Color

71.0348, 0.2659, 0.3062

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

68.2961, 0.2943, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.0348, 0.2659, 0.3062 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(172, 228, 248)` looks like.

```
.text, #text, p{  
    color:rgb(172, 228, 248)  
}
```

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(172, 228, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 228, 248) }
```

Border

The CSS property to change the border of an element to Yxy 71.0348, 0.2659, 0.3062 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(172, 228, 248) }
```

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

```
.border{ border-color:rgb(172, 228, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 228, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 228, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 228, 248);  
box-shadow:4px 4px 4px 4px rgb(172, 228,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0348, 0.2659, 0.3062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 228, 248) }
```

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

```
.background{ background-color: rgb(172,  
228, 248) }
```

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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