

Converting Colors

$Yxy(71.1627, 0.2671, 0.3082)$

Have a look what the booklet for
Yxy(71.1627, 0.2671, 0.3082)
contains.

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Color

Yxy(71.0249, 0.2675, 0.3084)

Conversions

Conversions Part 1

Format	Color
Hex	ADE4F6
RGB	173, 228, 246
RGB Percent	68%, 89%, 96%
CMY	0.3218, 0.1058, 0.0352
CMYK	0.30, 0.07, 0.00, 0.04
HSL	195°, 80%, 82%
HSV	195°, 30%, 96%
XYZ	61.6056, 71.0249, 97.6708
YIQ	213.6070, -38.5580, -6.0620

Conversions

Conversions Part 2

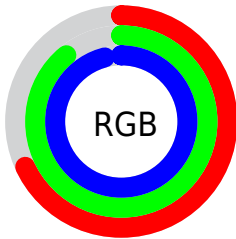
Format	Color
RYB	173, 204, 246
Decimal	11396342
CIELab	87.50, -13.40, -14.44
CIElCh	87, 19.699, 227.147
Yxy	71.0249, 0.2675, 0.3084
Android (android.graphics.Color)	4289586422 (0xFFADE4F6)
YUV	213.6070, 15.9697, -35.6123
Hunter-Lab	84.2763, -17.0008, -9.7199

Details

The Yxy color **71.0249, 0.2675, 0.3084** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.8575, 0.3737, 0.3486**, and the grayscale version is **66.8734, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5630, 0.2976, 0.3290**, and **37.4564, 0.2569, 0.3034** is the 20% darker color. If you saturate the color by 10%, you get **65.1989, 0.2534, 0.3003**, and if you desaturate by 10%, it is **77.4900, 0.2824, 0.3159**.

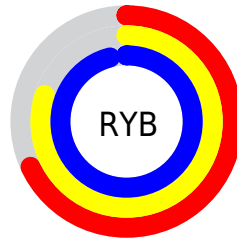
Distribution



Red (68%)

Green (89%)

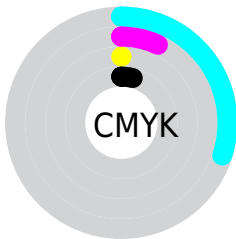
Blue (96%)



Red (68%)

Yellow (80%)

Blue (96%)

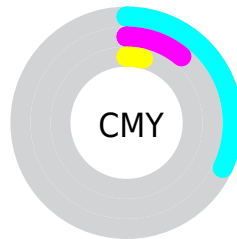


Cyan (30%)

Magenta (7%)

Yellow (0%)

Black (4%)



Cyan (32%)


Magenta (11%)


Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.0249, 0.2675, 0.3084 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 71.0249, 0.2675, 0.3084 by changing the saturation by 10% instead.

 71.0249, 0.2675,
0.3084

 71.0249, 0.2675,
0.3084


464.1405, 0.2882,
0.3183

 52.3625, 0.2628,
0.3061


 120.6692, 0.2746,
0.3119

 37.2941, 0.2571,
0.3031


152.4199, 0.2774,
0.3132

 25.4353, 0.2500,
0.2994


189.3021, 0.2798,
0.3144

 16.4017, 0.2407,
0.2944


231.7003, 0.2819,
0.3154

 9.8088, 0.2283,
0.2875

279.9988, 0.2838,
0.3162

 5.2724, 0.2109,
0.2772

334.5821, 0.2854,

 2.4080, 0.1850,

0.3170

0.2606

395.8345, 0.2869,
0.3177

0.8300, 0.1301,
0.2338

0.0000, 0.0000,
0.0000

71.0249, 0.2675,
0.3084

71.0249, 0.2675,
0.3084

65.1989, 0.2534,
0.3003

77.4900, 0.2824,
0.3159

59.9738, 0.2405,
0.2917

84.6129, 0.2977,
0.3229

55.3203, 0.2290,
0.2828

92.4223, 0.3132,
0.3292

51.2023, 0.2193,
0.2736

97.7062, 0.3181,
0.3350

■ 47.5790, 0.2115,
0.2643

■ 99.4354, 0.3179,
0.3376

■ 44.4019, 0.2057,
0.2550

■ 41.5938, 0.2017,
0.2459

■ 41.5136, 0.2016,
0.2456

Harmonies

Analogous

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



71.0249, 0.2753, 0.3296



71.0249, 0.2675, 0.3084



71.0249, 0.2712, 0.2939

Triad

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



71.0249, 0.2675, 0.3084



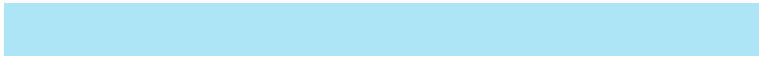
71.0249, 0.3319, 0.3077



71.0249, 0.3393, 0.3713

Complementary

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



71.0249, 0.2675, 0.3084



59.8575, 0.3737, 0.3486

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.



71.0249, 0.3556, 0.3633



71.0249, 0.2675, 0.3084



71.0249, 0.3514, 0.3266

Square

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



71.0249, 0.2675, 0.3084



71.0249, 0.3077, 0.2942



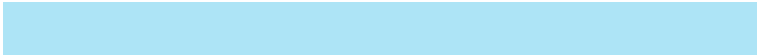
71.0249, 0.3602, 0.3467



71.0249, 0.3163, 0.3673

Rectangle

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



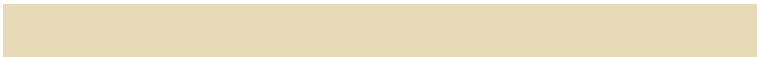
71.0249, 0.2675, 0.3084



71.0249, 0.2798, 0.2896



71.0249, 0.3602, 0.3467



71.0249, 0.3458, 0.3699

Sweetspot

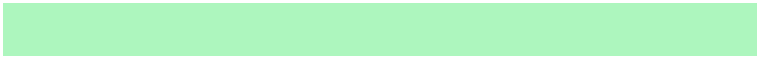
The Sweet Spot groups the original color and five complimentary colors.



71.0277, 0.2675, 0.3084



92.3478, 0.2988, 0.3233



78.5235, 0.2993, 0.3951



19.5137, 0.2965, 0.3224



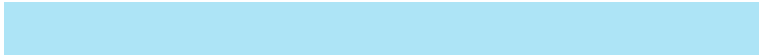
0.0000, 0.0000, 0.0000



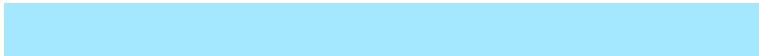
21.4041, 0.3127, 0.3290

Same Dimension

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



71.0277, 0.2675, 0.3084



72.9505, 0.2584, 0.3033



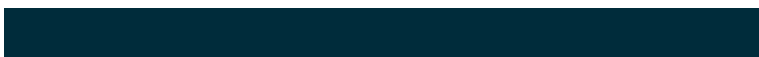
53.4248, 0.2628, 0.2658



18.0253, 0.2980, 0.3230



22.3854, 0.2020, 0.2471



2.1279, 0.2052, 0.2586

Inverse Universe

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



55.0671, 0.3306, 0.2719



53.3728, 0.3355, 0.2595



77.2988, 0.3631, 0.3850



16.6944, 0.3176, 0.3113



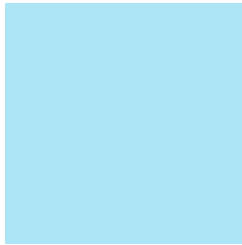
12.3592, 0.3951, 0.1950



1.1025, 0.3838, 0.1888

Previews

White Background



This preview shows how the Yxy color 71.0249, 0.2675, 0.3084 looks on a white background.

Color Contrast Check

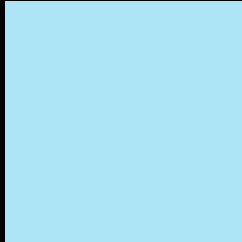
Large Text (above 18pt) WCAG AA × Fail

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 71.0249, 0.2675, 0.3084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

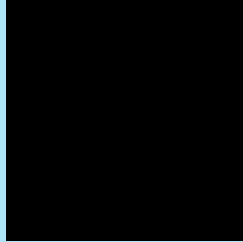
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.0249, 0.2675, 0.3084

Background



This preview shows how black text looks on a background with the Yxy color 71.0249, 0.2675, 0.3084.

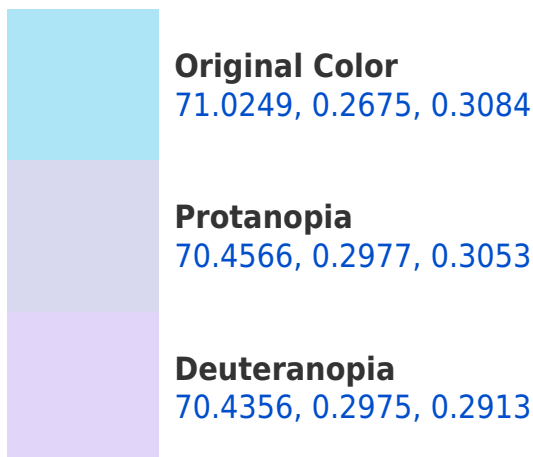


This preview shows how white text looks on a background with the Yxy color 71.0249, 0.2675, 0.3084.

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

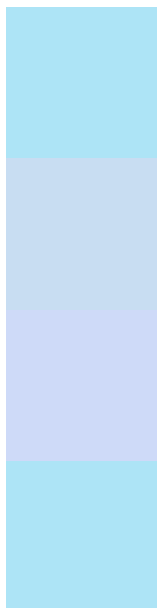




Tritanopia

71.0249, 0.2675, 0.3084

Trichromacy



Original Color

71.0249, 0.2675, 0.3084

Protanomaly

70.4031, 0.2854, 0.3058

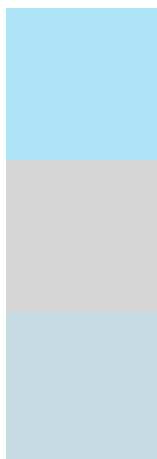
Deuteranomaly

70.0419, 0.2855, 0.2964

Tritanomaly

71.0249, 0.2675, 0.3084

Monochromacy



Original Color

71.0249, 0.2675, 0.3084

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 71.0249, 0.2675, 0.3084 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(173, 228, 246)` looks like.

```
.text, #text, p{  
    color:rgb(173, 228, 246)  
}
```

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(173, 228, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 228, 246) }
```

Border

The CSS property to change the border of an element to Yxy 71.0249, 0.2675, 0.3084 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(173, 228, 246) }
```

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

```
.border{ border-color:rgb(173, 228, 246) }
```

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

Here you see how a box with a 4 pixel rgb(173, 228, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 228, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 228, 246);  
box-shadow:4px 4px 4px 4px rgb(173, 228,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0249, 0.2675, 0.3084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 228, 246) }
```

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

```
.background{ background-color: rgb(173,  
228, 246) }
```

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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