

Converting Colors

$Yxy(71.3866, 0.2624, 0.3083)$

Have a look what the booklet for
Yxy(71.3866, 0.2624, 0.3083)
contains.

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Color

Yxy(71.3703, 0.2624, 0.3083)

Conversions

Conversions Part 1

Format	Color
Hex	A5E6F8
RGB	165, 230, 248
RGB Percent	65%, 90%, 97%
CMY	0.3532, 0.0980, 0.0274
CMYK	0.33, 0.07, 0.00, 0.03
HSL	193°, 86%, 81%
HSV	193°, 33%, 97%
XYZ	60.7446, 71.3703, 99.3813
YIQ	212.6170, -44.5180, -8.1820

Conversions

Conversions Part 2

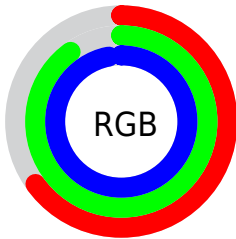
Format	Color
R_{YB}	165, 201, 248
Decimal	10872568
CIE _{Lab}	87.66, -16.15, -15.27
CIE _{LCh}	88, 22.224, 223.409
Yxy	71.3703, 0.2624, 0.3083
Android (android.graphics.Color)	4289062648 (0xFFA5E6F8)
YUV	212.6170, 17.4438, -41.7601
Hunter-Lab	84.4809, -19.4942, -10.6107

Details

The Yxy color **71.3703, 0.2624, 0.3083** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.4980, 0.3850, 0.3486**, and the grayscale version is **66.1656, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2696, 0.2929, 0.3289**, and **37.3929, 0.2508, 0.3017** is the 20% darker color. If you saturate the color by 10%, you get **66.0260, 0.2490, 0.3011**, and if you desaturate by 10%, it is **77.3278, 0.2768, 0.3151**.

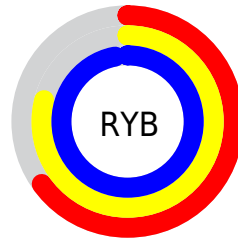
Distribution



Red (65%)

Green (90%)

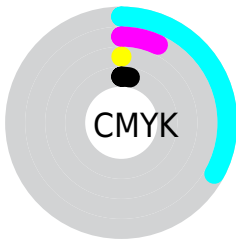
Blue (97%)



Red (65%)

Yellow (79%)

Blue (97%)

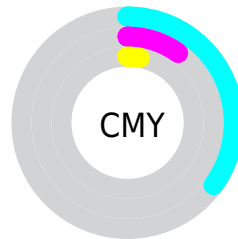


Cyan (33%)

Magenta (7%)

Yellow (0%)

Black (3%)



Cyan (35%)


Magenta (10%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.3703, 0.2624, 0.3083 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 71.3703, 0.2624, 0.3083 by changing the saturation by 10% instead.


 71.3703, 0.2624,
0.3083


 71.3703, 0.2624,
0.3083

465.3469, 0.2853,
0.3183

 52.6444, 0.2573,
0.3059


 121.1608, 0.2703,
0.3119

 37.5190, 0.2510,
0.3029


 152.9943, 0.2734,
0.3132

 25.6096, 0.2431,
0.2991


189.9658, 0.2760,
0.3144

 16.5318, 0.2329,
0.2940

232.4596, 0.2784,
0.3154

 9.9012, 0.2194,
0.2868

280.8603, 0.2804,
0.3162

 5.3335, 0.2006,
0.2761

335.5521, 0.2822,

 2.4443, 0.1728,

0.3170

0.2590

396.9195, 0.2839,
0.3177

0.8485, 0.1127,
0.2318

0.0000, 0.0000,
0.0000

71.3703, 0.2624,
0.3083

71.3703, 0.2624,
0.3083

66.0260, 0.2490,
0.3011

77.3278, 0.2768,
0.3151

61.2556, 0.2370,
0.2935

83.9182, 0.2919,
0.3214

57.0282, 0.2265,
0.2856

91.1709, 0.3073,
0.3271

53.3058, 0.2180,
0.2776

97.3390, 0.3170,
0.3324

■ 50.0446, 0.2114,
0.2695

■ 99.5574, 0.3168,
0.3357

■ 47.1915, 0.2068,
0.2615

■ 45.5053, 0.2046,
0.2564

Harmonies

Analogous

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



71.3703, 0.2726, 0.3328



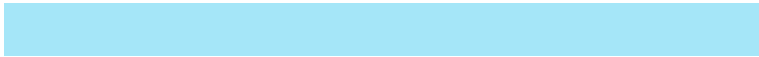
71.3703, 0.2624, 0.3083



71.3703, 0.2649, 0.2910

Triad

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



71.3703, 0.2624, 0.3083



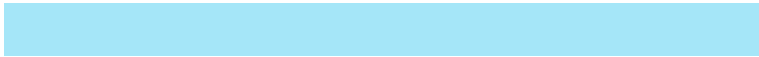
71.3703, 0.3310, 0.3029



71.3703, 0.3454, 0.3763

Complementary

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



71.3703, 0.2624, 0.3083



56.4980, 0.3850, 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.



71.3703, 0.3625, 0.3655



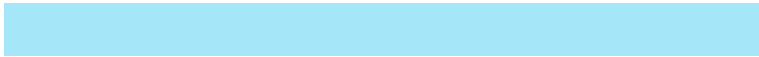
71.3703, 0.2624, 0.3083



71.3703, 0.3541, 0.3234

Square

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



71.3703, 0.2624, 0.3083



71.3703, 0.3036, 0.2888



71.3703, 0.3658, 0.3460



71.3703, 0.3200, 0.3737

Rectangle

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



71.3703, 0.2624, 0.3083



71.3703, 0.2735, 0.2853



71.3703, 0.3658, 0.3460



71.3703, 0.3523, 0.3740

Sweetspot

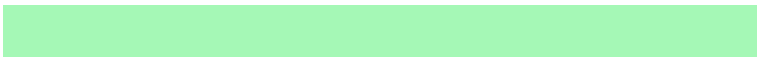
The Sweet Spot groups the original color and five complimentary colors.



71.3731, 0.2624, 0.3083



92.0093, 0.2972, 0.3234



78.4852, 0.2992, 0.4086



19.4658, 0.2950, 0.3226



0.0000, 0.0000, 0.0000



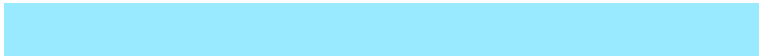
21.4041, 0.3127, 0.3290

Same Dimension

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



71.3731, 0.2624, 0.3083



72.2265, 0.2535, 0.3036



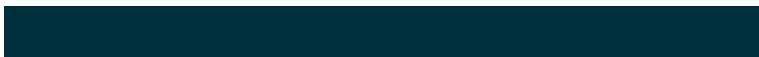
51.5287, 0.2561, 0.2597



18.9335, 0.2980, 0.3237



24.7962, 0.2049, 0.2577



2.4492, 0.2076, 0.2672

Inverse Universe

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



52.5533, 0.3313, 0.2621



49.9213, 0.3360, 0.2491



75.4875, 0.3712, 0.3896



17.4565, 0.3171, 0.3106



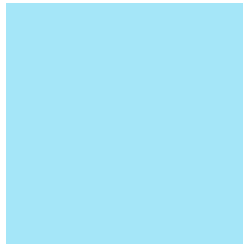
12.9141, 0.3847, 0.1893



1.2115, 0.3755, 0.1842

Previews

White Background



This preview shows how the Yxy color 71.3703, 0.2624, 0.3083 looks on a white background.

Color Contrast Check

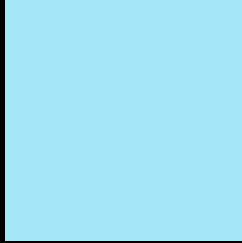
Large Text (above 18pt) WCAG AA × Fail

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 71.3703, 0.2624, 0.3083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

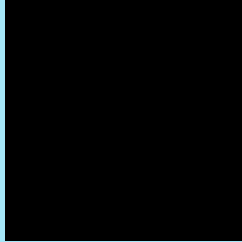
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.3703, 0.2624, 0.3083

Background



This preview shows how black text looks on a background with the Yxy color 71.3703, 0.2624, 0.3083.

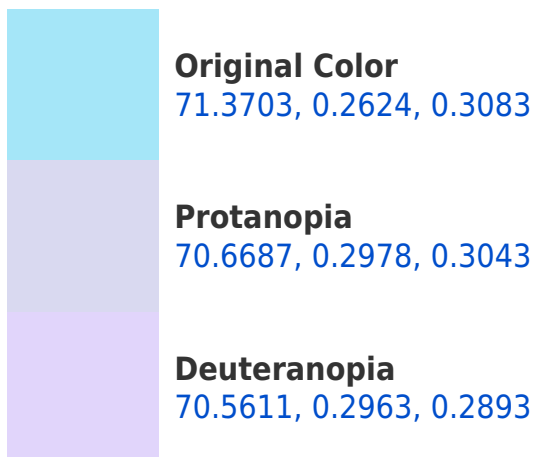


This preview shows how white text looks on a background with the Yxy color 71.3703, 0.2624, 0.3083.

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

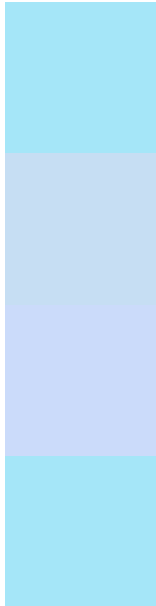




Tritanopia

71.3703, 0.2624, 0.3083

Trichromacy



Original Color

71.3703, 0.2624, 0.3083

Protanomaly

70.7194, 0.2836, 0.3058

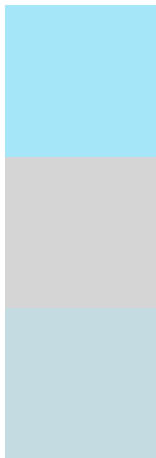
Deuteranomaly

70.2617, 0.2825, 0.2953

Tritanomaly

71.3703, 0.2624, 0.3083

Monochromacy



Original Color

71.3703, 0.2624, 0.3083

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

67.8898, 0.2923, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3703, 0.2624, 0.3083 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(165, 230, 248)` looks like.

```
.text, #text, p{  
    color:rgb(165, 230, 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(165, 230, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 230, 248) }
```

Border

The CSS property to change the border of an element to Yxy 71.3703, 0.2624, 0.3083 is called "border". The border property can be set on classes, ids or directly on the HTML element.

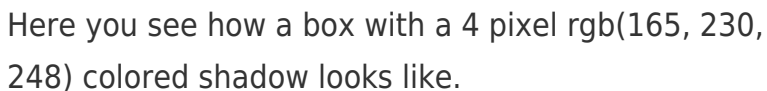
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 230, 248) }
```

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

```
.border{ border-color:rgb(165, 230, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 230, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 230, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 230, 248); box-shadow:4px 4px 4px 4px rgb(165, 230, 248) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3703, 0.2624, 0.3083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 230, 248) }
```

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

```
.background{ background-color: rgb(165,  
230, 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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