

Converting Colors

$Yxy(70.4685, 0.2690, 0.3095)$

Have a look what the booklet for
Yxy(70.4685, 0.2690, 0.3095)
contains.

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Color

Yxy(70.4685, 0.2690, 0.3095)

Conversions

Conversions Part 1

Format	Color
Hex	AEE3F4
RGB	174, 227, 244
RGB Percent	68%, 89%, 96%
CMY	0.3178, 0.1098, 0.0431
CMYK	0.29, 0.07, 0.00, 0.04
HSL	195°, 76%, 82%
HSV	195°, 29%, 96%
XYZ	61.2473, 70.4685, 95.9692
YIQ	213.0910, -37.0450, -5.9490

Conversions

Conversions Part 2

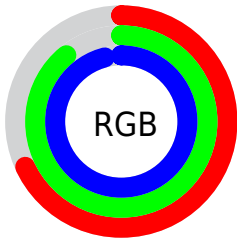
Format	Color
RYB	174, 204, 244
Decimal	11461620
CIELab	87.23, -13.07, -13.78
CIELCh	87, 18.994, 226.518
Yxy	70.4685, 0.2690, 0.3095
Android (android.graphics.Color)	4289651700 (0xFFAEE3F4)
YUV	213.0910, 15.2381, -34.2828
Hunter-Lab	83.9455, -16.6698, -9.0204

Details

The Yxy color **70.4685, 0.2690, 0.3095** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.5313, 0.3712, 0.3476**, and the grayscale version is **66.5148, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7289, 0.2982, 0.3290**, and **37.0578, 0.2586, 0.3048** is the 20% darker color. If you saturate the color by 10%, you get **64.7359, 0.2549, 0.3016**, and if you desaturate by 10%, it is **76.8271, 0.2839, 0.3169**.

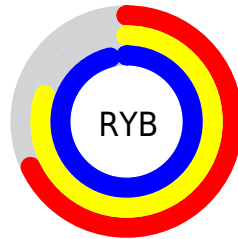
Distribution



Red (68%)

Green (89%)

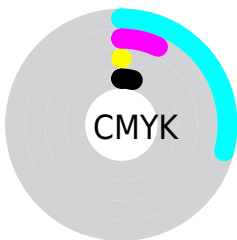
Blue (96%)



Red (68%)

Yellow (80%)

Blue (96%)

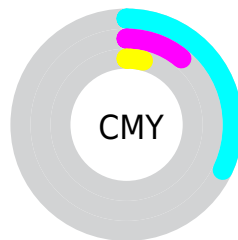


Cyan (29%)

Magenta (7%)

Yellow (0%)

Black (4%)



Cyan (32%)

Magenta (11%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.4685, 0.2690, 0.3095 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 70.4685, 0.2690, 0.3095 by changing the saturation by 10% instead.

■ 70.4685, 0.2690,
0.3095

■ 70.4685, 0.2690,
0.3095

■ 462.1933, 0.2890,
0.3189

■ 51.9086, 0.2645,
0.3073

■ 119.8766, 0.2759,
0.3128

■ 36.9322, 0.2589,
0.3045

■ 151.4936, 0.2786,
0.3141

■ 25.1550, 0.2519,
0.3009

■ 188.2317, 0.2809,
0.3152

■ 16.1926, 0.2429,
0.2962

■ 230.4754, 0.2830,
0.3161

■ 9.6605, 0.2308,
0.2895

■ 278.6090, 0.2848,
0.3169

■ 5.1745, 0.2137,
0.2797

■ 333.0169, 0.2863,

■ 2.3500, 0.1881,

0.3177

0.2637

394.0835, 0.2878,
0.3183

0.8000, 0.1312,
0.2378

0.0000, 0.0000,
0.0000

70.4685, 0.2690,
0.3095

70.4685, 0.2690,
0.3095

64.7359, 0.2549,
0.3016

76.8271, 0.2839,
0.3169

59.5923, 0.2418,
0.2932

83.8298, 0.2992,
0.3236

55.0090, 0.2302,
0.2844

91.5044, 0.3147,
0.3298

50.9513, 0.2204,
0.2754

96.5968, 0.3194,
0.3354

■ 47.3798, 0.2125,
0.2663

■ 99.3123, 0.3191,
0.3395

■ 44.2481, 0.2065,
0.2572

■ 41.4888, 0.2024,
0.2482

■ 41.1483, 0.2020,
0.2471

Harmonies

Analogous

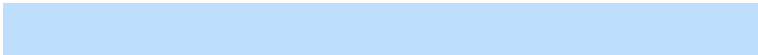
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.4685, 0.2768, 0.3301



70.4685, 0.2690, 0.3095



70.4685, 0.2724, 0.2953

Triad

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



70.4685, 0.2690, 0.3095



70.4685, 0.3308, 0.3081



70.4685, 0.3389, 0.3698

Complementary

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



70.4685, 0.2690, 0.3095



59.5313, 0.3712, 0.3476

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.



70.4685, 0.3544, 0.3619



70.4685, 0.2690, 0.3095



70.4685, 0.3498, 0.3263

Square

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



70.4685, 0.2690, 0.3095



70.4685, 0.3074, 0.2951



70.4685, 0.3585, 0.3458



70.4685, 0.3167, 0.3662

Rectangle

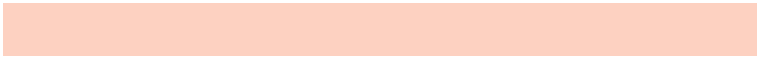
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.4685, 0.2690, 0.3095



70.4685, 0.2805, 0.2909



70.4685, 0.3585, 0.3458



70.4685, 0.3451, 0.3684

Sweetspot

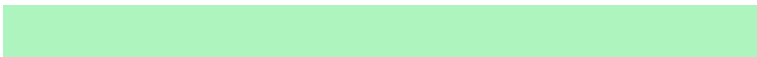
The Sweet Spot groups the original color and five complimentary colors.



70.4713, 0.2690, 0.3095



92.4025, 0.2988, 0.3234



77.4326, 0.2997, 0.3925



19.5273, 0.2965, 0.3225



0.0000, 0.0000, 0.0000



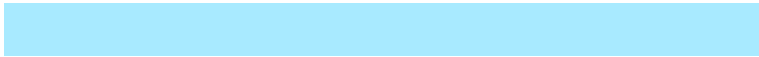
21.4041, 0.3127, 0.3290

Same Dimension

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



70.4713, 0.2690, 0.3095



74.4024, 0.2613, 0.3053



53.5061, 0.2646, 0.2683



18.0366, 0.2980, 0.3231



22.5961, 0.2024, 0.2485



2.1449, 0.2055, 0.2598

Inverse Universe

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



55.0372, 0.3296, 0.2736



55.3146, 0.3336, 0.2631



76.3183, 0.3612, 0.3830



16.6955, 0.3175, 0.3112



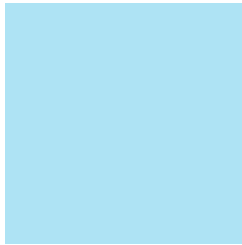
12.3805, 0.3937, 0.1943



1.1042, 0.3826, 0.1881

Previews

White Background



This preview shows how the Yxy color 70.4685, 0.2690, 0.3095 looks on a white background.

Color Contrast Check

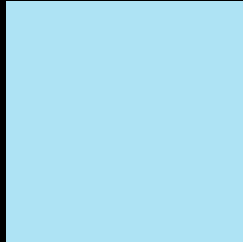
Large Text (above 18pt) WCAG AA × Fail

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 70.4685, 0.2690, 0.3095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

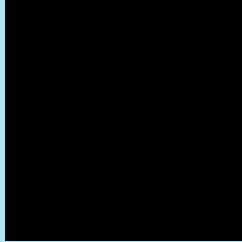
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.4685, 0.2690, 0.3095

Background



This preview shows how black text looks on a background with the Yxy color 70.4685, 0.2690, 0.3095.

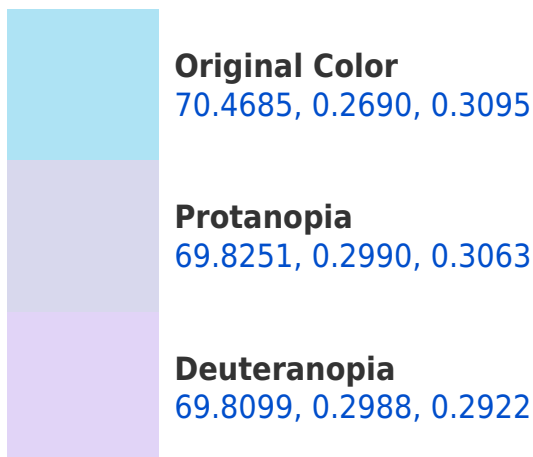


This preview shows how white text looks on a background with the Yxy color 70.4685, 0.2690, 0.3095.

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

70.5294, 0.2685, 0.3084

Trichromacy



Original Color

70.4685, 0.2690, 0.3095

Protanomaly

69.8952, 0.2872, 0.3068

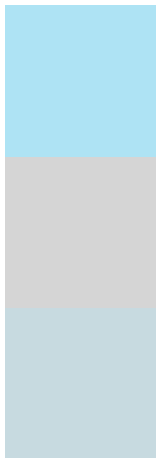
Deuteranomaly

69.4013, 0.2867, 0.2974

Tritanomaly

70.5294, 0.2685, 0.3084

Monochromacy



Original Color

70.4685, 0.2690, 0.3095

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

67.6667, 0.2955, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.4685, 0.2690, 0.3095 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(174, 227, 244)` looks like.

```
.text, #text, p{  
    color:rgb(174, 227, 244)  
}
```

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(174, 227, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 227, 244) }
```

Border

The CSS property to change the border of an element to Yxy 70.4685, 0.2690, 0.3095 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(174, 227, 244) }
```

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

```
.border{ border-color:rgb(174, 227, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 227, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 227, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 227, 244);  
box-shadow:4px 4px 4px 4px rgb(174, 227,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 70.4685, 0.2690, 0.3095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 227, 244) }
```

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

```
.background{ background-color: rgb(174,  
227, 244) }
```

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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