

Converting Colors

$Yxy(73.0576, 0.2638, 0.3118)$

Have a look what the booklet for
Yxy(73.0576, 0.2638, 0.3118)
contains.

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Color

Yxy(73.2706, 0.2639, 0.3118)

Conversions

Conversions Part 1

Format	Color
Hex	A7E9F8
RGB	167, 233, 248
RGB Percent	65%, 91%, 97%
CMY	0.3453, 0.0862, 0.0273
CMYK	0.33, 0.06, 0.00, 0.03
HSL	191°, 85%, 81%
HSV	191°, 33%, 97%
XYZ	62.0145, 73.2706, 99.7072
YIQ	214.9760, -44.1510, -9.3270

Conversions

Conversions Part 2

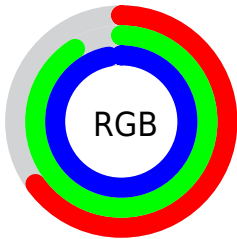
Format	Color
R _Y B	167, 203, 248
Decimal	11004408
CIE Lab	88.58, -17.10, -13.91
CIE LCh	89, 22.041, 219.137
Yxy	73.2706, 0.2639, 0.3118
Android (android.graphics.Color)	4289194488 (0xFFA7E9F8)
YUV	214.9760, 16.2808, -42.0750
Hunter-Lab	85.5982, -20.4767, -9.1439

Details

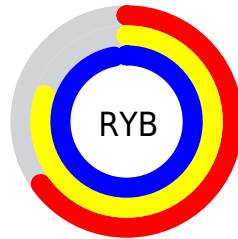
The Yxy color **73.2706, 0.2639, 0.3118** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **56.1967, 0.3836, 0.3454**, and the grayscale version is **67.8444, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5873, 0.2940, 0.3289**, and **38.6948, 0.2528, 0.3064** is the 20% darker color. If you saturate the color by 10%, you get **68.2587, 0.2507, 0.3057**, and if you desaturate by 10%, it is **78.8740, 0.2781, 0.3176**.

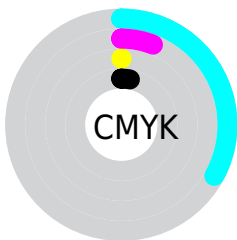
Distribution



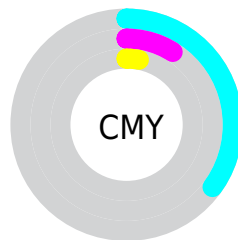
- Red (65%)
- Green (91%)
- Blue (97%)



- Red (65%)
- Yellow (80%)
- Blue (97%)



- Cyan (33%)
- Magenta (6%)
- Yellow (0%)
- Black (3%)





- Cyan (35%)
- Magenta (9%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.2706, 0.2639, 0.3118 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 73.2706, 0.2639, 0.3118 by changing the saturation by 10% instead.


 73.2706, 0.2639,
0.3118

 73.2706, 0.2639,
0.3118


471.9521, 0.2861,
0.3202

 54.1973, 0.2589,
0.3098


 123.8613, 0.2715,
0.3148

 38.7594, 0.2529,
0.3073


156.1474, 0.2745,
0.3159

 26.5726, 0.2453,
0.3041

193.6066, 0.2771,
0.3169

 17.2525, 0.2356,
0.2998

236.6232, 0.2793,
0.3177

 10.4147, 0.2226,
0.2937

285.5817, 0.2813,
0.3184

 5.6748, 0.2046,
0.2847

340.8664, 0.2831,

 2.6483, 0.1781,

0.3191

0.2701

402.8618, 0.2846,
0.3196

0.9510, 0.1256,
0.2462

0.0000, 0.0000,
0.0000

73.2706, 0.2639,
0.3118

73.2706, 0.2639,
0.3118

68.2587, 0.2507,
0.3057

78.8740, 0.2781,
0.3176

63.7995, 0.2389,
0.2992

85.0882, 0.2931,
0.3229

59.8625, 0.2288,
0.2926

91.9418, 0.3085,
0.3278

56.4105, 0.2205,
0.2858

97.2797, 0.3170,
0.3322

■ 53.4007, 0.2142,
0.2790

■ 99.5594, 0.3167,
0.3357

■ 50.7810, 0.2099,
0.2723

■ 49.0566, 0.2076,
0.2674

Harmonies

Analogous

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



73.2706, 0.2756, 0.3364



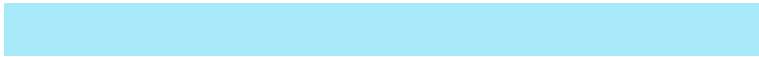
73.2706, 0.2639, 0.3118



73.2706, 0.2646, 0.2934

Triad

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



73.2706, 0.2639, 0.3118



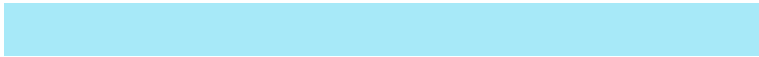
73.2706, 0.3269, 0.3008



73.2706, 0.3479, 0.3747

Complementary

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



73.2706, 0.2639, 0.3118



56.1967, 0.3836, 0.3454

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.



73.2706, 0.3630, 0.3626



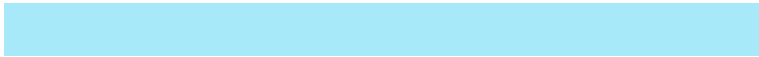
73.2706, 0.2639, 0.3118



73.2706, 0.3508, 0.3204

Square

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



73.2706, 0.2639, 0.3118



73.2706, 0.3001, 0.2882



73.2706, 0.3641, 0.3426



73.2706, 0.3237, 0.3742

Rectangle

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



73.2706, 0.2639, 0.3118



73.2706, 0.2720, 0.2868



73.2706, 0.3641, 0.3426



73.2706, 0.3543, 0.3719

Sweetspot

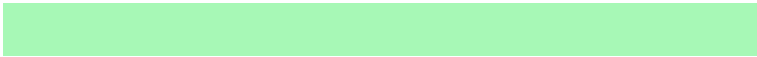
The Sweet Spot groups the original color and five complimentary colors.



73.2735, 0.2639, 0.3118



92.5028, 0.2972, 0.3242



78.7357, 0.3002, 0.4080



19.5858, 0.2951, 0.3235



0.0000, 0.0000, 0.0000



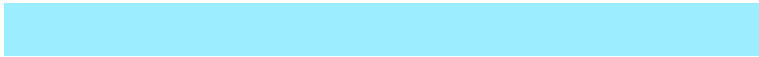
21.4041, 0.3127, 0.3290

Same Dimension

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



73.2735, 0.2639, 0.3118



74.5648, 0.2554, 0.3079



52.9654, 0.2578, 0.2633



19.0296, 0.2980, 0.3245



26.6855, 0.2079, 0.2685



2.6084, 0.2102, 0.2765

Inverse Universe

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



53.4664, 0.3287, 0.2613



50.9757, 0.3326, 0.2483



75.1838, 0.3700, 0.3868



17.4662, 0.3166, 0.3099



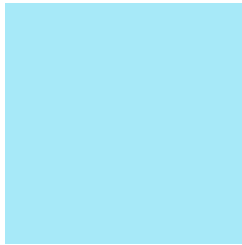
13.1048, 0.3742, 0.1835



1.2275, 0.3667, 0.1794

Previews

White Background



This preview shows how the Yxy color 73.2706, 0.2639, 0.3118 looks on a white background.

Color Contrast Check

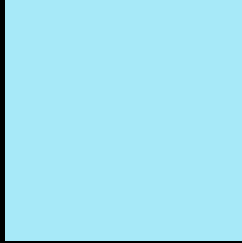
Large Text (above 18pt) WCAG AA × Fail

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 73.2706, 0.2639, 0.3118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

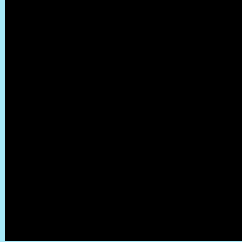
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.2706, 0.2639, 0.3118

Background



This preview shows how black text looks on a background with the Yxy color 73.2706, 0.2639, 0.3118.

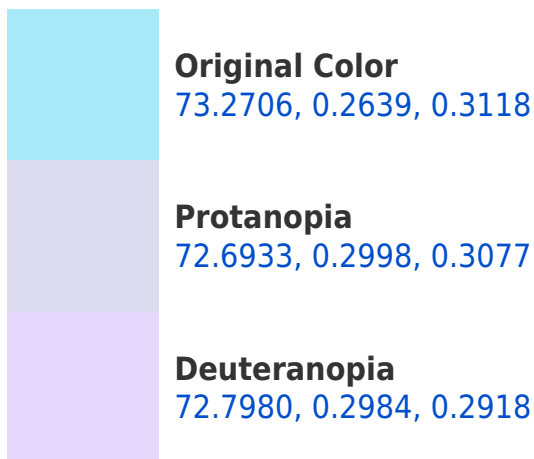


This preview shows how white text looks on a background with the Yxy color 73.2706, 0.2639, 0.3118.

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

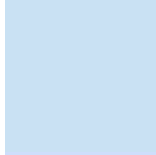
73.5677, 0.2630, 0.3086

Trichromacy



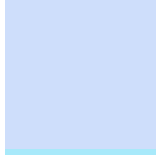
Original Color

73.2706, 0.2639, 0.3118



Protanomaly

72.7390, 0.2856, 0.3092



Deuteranomaly

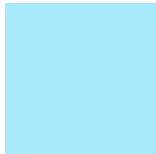
72.3294, 0.2840, 0.2978



Tritanomaly

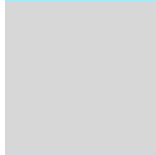
73.5048, 0.2635, 0.3096

Monochromacy



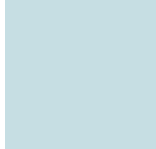
Original Color

73.2706, 0.2639, 0.3118



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

69.7944, 0.2931, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.2706, 0.2639, 0.3118 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(167, 233, 248)` looks like.

```
.text, #text, p{  
    color:rgb(167, 233, 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(167, 233, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 233, 248) }
```

Border

The CSS property to change the border of an element to Yxy 73.2706, 0.2639, 0.3118 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(167, 233, 248) }
```

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

```
.border{ border-color:rgb(167, 233, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 233, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 233, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 233, 248);  
box-shadow:4px 4px 4px 4px rgb(167, 233,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 73.2706, 0.2639, 0.3118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 233, 248) }
```

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

```
.background{ background-color: rgb(167,  
233, 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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