

Converting Colors

$Yxy(73.1820, 0.2804, 0.3558)$

Have a look what the booklet for
Yxy(73.1820, 0.2804, 0.3558)
contains.

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Color

Yxy(73.3159, 0.2806, 0.3563)

Conversions

Conversions Part 1

Format	Color
Hex	A4EDD6
RGB	164, 237, 214
RGB Percent	64%, 93%, 84%
CMY	0.3566, 0.0706, 0.1608
CMYK	0.31, 0.00, 0.10, 0.07
HSL	161°, 67%, 79%
HSV	161°, 31%, 93%
XYZ	57.7391, 73.3159, 74.7151
YIQ	212.5510, -36.1250, -22.6290

Conversions

Conversions Part 2

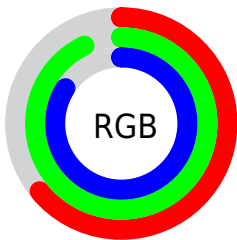
Format	Color
RYB	164, 207, 237
Decimal	10808790
CIELab	88.60, -27.39, 3.94
CIELCh	89, 27.674, 171.824
Yxy	73.3159, 0.2806, 0.3563
Android (android.graphics.Color)	4288998870 (0xFFA4EDD6)
YUV	212.5510, 0.7144, -42.5792
Hunter-Lab	85.6247, -29.4758, 8.2015

Details

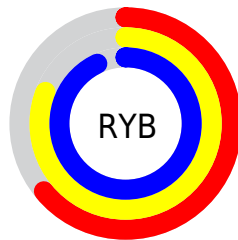
The Yxy color **73.3159, 0.2806, 0.3563** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **48.1680, 0.3604, 0.3035**, and the grayscale version is **66.2466, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1122, 0.2923, 0.3289**, and **38.8659, 0.2734, 0.3638** is the 20% darker color. If you saturate the color by 10%, you get **70.6534, 0.2719, 0.3668**, and if you desaturate by 10%, it is **76.4718, 0.2904, 0.3466**.

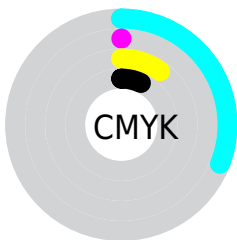
Distribution



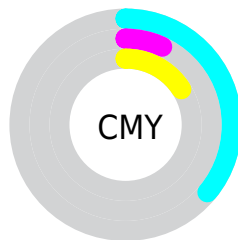
- Red (64%)
- Green (93%)
- Blue (84%)



- Red (64%)
- Yellow (81%)
- Blue (93%)



- Cyan (31%)
- Magenta (0%)
- Yellow (10%)
- Black (7%)





- Cyan (36%)
- Magenta (7%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.3159, 0.2806, 0.3563 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 73.3159, 0.2806, 0.3563 by changing the saturation by 10% instead.


 73.3159, 0.2806,
0.3563

 73.3159, 0.2806,
0.3563


472.1089, 0.2955,
0.3435

 54.2343, 0.2772,
0.3593


 123.9256, 0.2858,
0.3518

 38.7890, 0.2729,
0.3630


 156.2224, 0.2878,
0.3501

 26.5956, 0.2676,
0.3677


193.6932, 0.2895,
0.3486

 17.2698, 0.2605,
0.3740

236.7222, 0.2910,
0.3473

 10.4270, 0.2509,
0.3826

285.6939, 0.2924,
0.3462

 5.6830, 0.2369,
0.3954


340.9927, 0.2935,

 2.6533, 0.2150,


0.3452


0.4159

403.0029, 0.2946,
0.3443

 0.9535, 0.1210,
0.4888


 0.0000, 0.0000,
0.0000


 73.3159, 0.2806,
0.3563

 73.3159, 0.2806,
0.3563


 70.6534, 0.2719,
0.3668


 76.4718, 0.2904,
0.3466


 68.4490, 0.2645,
0.3780


 80.1364, 0.3009,
0.3376


 66.6767, 0.2587,
0.3897


 84.3354, 0.3119,
0.3296

 65.3042, 0.2548,
0.4018


 88.3506, 0.3204,
0.3223

 64.2946, 0.2530,
0.4140

 88.8139, 0.3158,
0.3151

 63.6036, 0.2531,
0.4261

 89.0454, 0.3135,
0.3117

 63.1820, 0.2548,
0.4371

Harmonies

Analogous

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



73.3159, 0.3119, 0.3807



73.3159, 0.2806, 0.3563



73.3159, 0.2585, 0.3244

Triad

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



73.3159, 0.2806, 0.3563



73.3159, 0.2794, 0.2747



73.3159, 0.3791, 0.3567

Complementary

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



73.3159, 0.2806, 0.3563



48.1680, 0.3604, 0.3035

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.



73.3159, 0.3698, 0.3295



73.3159, 0.2806, 0.3563



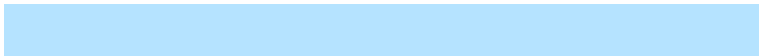
73.3159, 0.3107, 0.2838

Square

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



73.3159, 0.2806, 0.3563



73.3159, 0.2579, 0.2786



73.3159, 0.3442, 0.3034



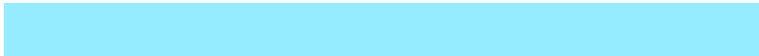
73.3159, 0.3696, 0.3788

Rectangle

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



73.3159, 0.2806, 0.3563



73.3159, 0.2515, 0.3045



73.3159, 0.3442, 0.3034



73.3159, 0.3781, 0.3479

Sweetspot

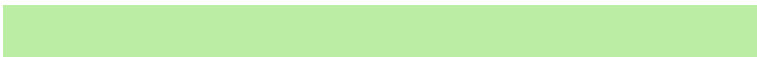
The Sweet Spot groups the original color and five complimentary colors.



73.3189, 0.2806, 0.3563



95.4465, 0.3028, 0.3362



73.8328, 0.3237, 0.4154



20.2825, 0.3012, 0.3374



0.0000, 0.0000, 0.0000



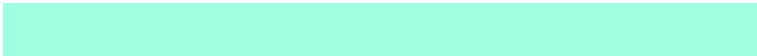
21.4041, 0.3127, 0.3290

Same Dimension

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



73.3189, 0.2806, 0.3563



84.5097, 0.2749, 0.3629



67.1228, 0.2667, 0.3132



17.0363, 0.3023, 0.3365



34.5215, 0.2542, 0.4351



2.7281, 0.2496, 0.4186

Inverse Universe

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



48.1680, 0.3604, 0.3035



50.3636, 0.3744, 0.2981



52.3021, 0.3780, 0.3442



15.1324, 0.3243, 0.3216



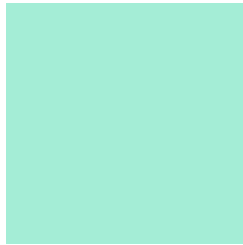
10.1264, 0.5703, 0.2915



0.8120, 0.5311, 0.2699

Previews

White Background



This preview shows how the Yxy color 73.3159, 0.2806, 0.3563 looks on a white background.

Color Contrast Check

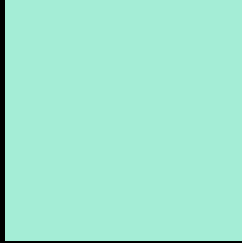
Large Text (above 18pt) WCAG AA × Fail

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 73.3159, 0.2806, 0.3563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

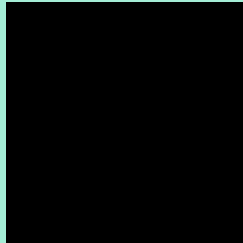
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.3159, 0.2806, 0.3563

Background



This preview shows how black text looks on a background with the Yxy color 73.3159, 0.2806, 0.3563.

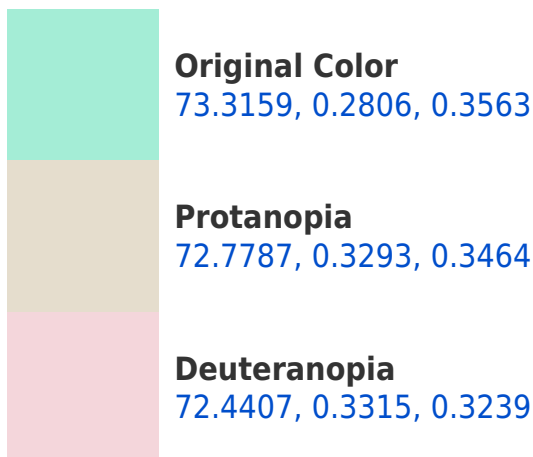


This preview shows how white text looks on a background with the Yxy color 73.3159, 0.2806, 0.3563.

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

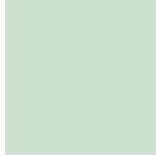
73.3860, 0.2655, 0.3086

Trichromacy



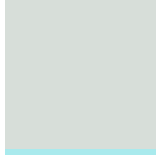
Original Color

73.3159, 0.2806, 0.3563



Protanomaly

72.4714, 0.3096, 0.3505



Deuteranomaly

71.6994, 0.3110, 0.3345



Tritanomaly

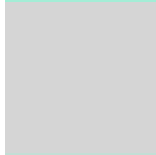
73.3951, 0.2708, 0.3254

Monochromacy



Original Color

73.3159, 0.2806, 0.3563



Achromatopsia

66.5387, 0.3127, 0.3290



Achromatomaly

68.6488, 0.2998, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3159, 0.2806, 0.3563 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(164, 237, 214)` looks like.

```
.text, #text, p{  
    color:rgb(164, 237, 214)  
}
```

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(164, 237, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 237, 214) }
```

Border

The CSS property to change the border of an element to Yxy 73.3159, 0.2806, 0.3563 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(164, 237, 214) }
```

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

```
.border{ border-color:rgb(164, 237, 214) }
```

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

Here you see how a box with a 4 pixel rgb(164, 237, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 237, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 237, 214);  
box-shadow:4px 4px 4px 4px rgb(164, 237,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3159, 0.2806, 0.3563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 237, 214) }
```

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

```
.background{ background-color: rgb(164,  
237, 214) }
```

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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