

Converting Colors

$Yxy(73.8177, 0.2839, 0.3593)$

Have a look what the booklet for
Yxy(73.8177, 0.2839, 0.3593)
contains.

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Color

Yxy(73.6467, 0.2839, 0.3586)

Conversions

Conversions Part 1

Format	Color
Hex	A8EDD4
RGB	168, 237, 212
RGB Percent	66%, 93%, 83%
CMY	0.3414, 0.0705, 0.1687
CMYK	0.29, 0.00, 0.11, 0.07
HSL	158°, 66%, 79%
HSV	158°, 29%, 93%
XYZ	58.3053, 73.6467, 73.4208
YIQ	213.5190, -33.0990, -22.4030

Conversions

Conversions Part 2

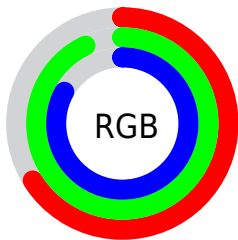
Format	Color
R _Y B	168, 210, 237
Decimal	11070932
CIE Lab	88.76, -26.69, 5.23
CIE LCh	89, 27.198, 168.910
Yxy	73.6467, 0.2839, 0.3586
Android (android.graphics.Color)	4289261012 (0xFFA8EDD4)
YUV	213.5190, -0.7489, -39.9202
Hunter-Lab	85.8177, -28.9063, 9.3471

Details

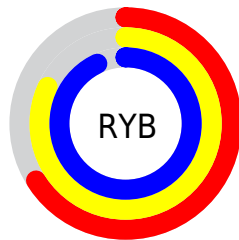
The Yxy color **73.6467, 0.2839, 0.3586** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **49.8401, 0.3541, 0.3014**, and the grayscale version is **66.9202, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7476, 0.2946, 0.3289**, and **39.0595, 0.2775, 0.3668** is the 20% darker color. If you saturate the color by 10%, you get **70.8602, 0.2755, 0.3707**, and if you desaturate by 10%, it is **76.9363, 0.2933, 0.3475**.

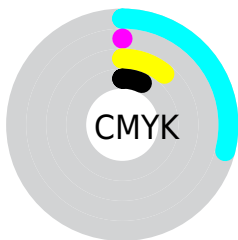
Distribution



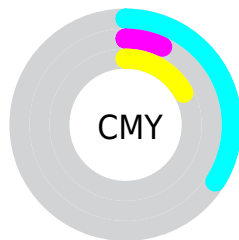
- Red (66%)
- Green (93%)
- Blue (83%)



- Red (66%)
- Yellow (82%)
- Blue (93%)



- Cyan (29%)
- Magenta (0%)
- Yellow (11%)
- Black (7%)




- Cyan (34%)
- Magenta (7%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.6467, 0.2839, 0.3586 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 73.6467, 0.2839, 0.3586 by changing the saturation by 10% instead.


 73.6467, 0.2839,
0.3586

 73.6467, 0.2839,
0.3586

473.2531, 0.2973,
0.3447

 54.5049, 0.2808,
0.3618


 124.3949, 0.2886,
0.3537

 39.0055, 0.2770,
0.3659


156.7700, 0.2904,
0.3518

 26.7640, 0.2721,
0.3711


194.3251, 0.2919,
0.3502

 17.3961, 0.2657,
0.3779

237.4445, 0.2933,
0.3488

 10.5173, 0.2569,
0.3875

286.5126, 0.2945,
0.3476

 5.7432, 0.2442,
0.4016


341.9138, 0.2955,

 2.6896, 0.2240,

0.3465

0.4246


404.0325, 0.2965,
0.3455


 0.9719, 0.1397,
0.5033


 0.0000, 0.0000,
0.0000


 73.6467, 0.2839,
0.3586

 73.6467, 0.2839,
0.3586

 70.8602, 0.2755,
0.3707


 76.9363, 0.2933,
0.3475


 68.5417, 0.2683,
0.3836


 80.7441, 0.3033,
0.3374

 66.6656, 0.2626,
0.3971

 85.0958, 0.3136,
0.3283

 65.1999, 0.2588,
0.4111


 88.5132, 0.3189,
0.3200


 64.1086, 0.2570,
0.4253

 89.0538, 0.3136,
0.3118

 63.3487, 0.2573,
0.4394

 89.0584, 0.3135,
0.3117

 62.8543, 0.2593,
0.4531

 62.8173, 0.2595,
0.4543

Harmonies

Analogous

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



73.6467, 0.3152, 0.3812



73.6467, 0.2839, 0.3586



73.6467, 0.2611, 0.3275

Triad

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



73.6467, 0.2839, 0.3586



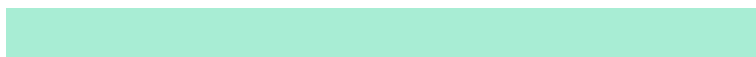
73.6467, 0.2774, 0.2754



73.6467, 0.3778, 0.3538

Complementary

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



73.6467, 0.2839, 0.3586



49.8401, 0.3541, 0.3014

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.



73.6467, 0.3669, 0.3269



73.6467, 0.2839, 0.3586



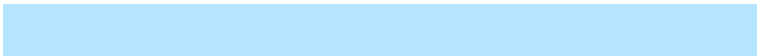
73.6467, 0.3075, 0.2832

Square

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



73.6467, 0.2839, 0.3586



73.6467, 0.2575, 0.2806



73.6467, 0.3406, 0.3016



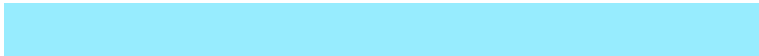
73.6467, 0.3702, 0.3762

Rectangle

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



73.6467, 0.2839, 0.3586



73.6467, 0.2532, 0.3076



73.6467, 0.3406, 0.3016



73.6467, 0.3762, 0.3450

Sweetspot

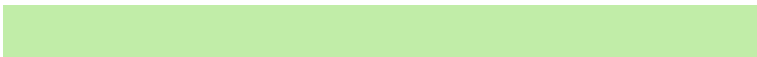
The Sweet Spot groups the original color and five complimentary colors.



73.6497, 0.2839, 0.3586



95.3801, 0.3034, 0.3373



74.7763, 0.3255, 0.4097



20.2661, 0.3019, 0.3387



0.0000, 0.0000, 0.0000



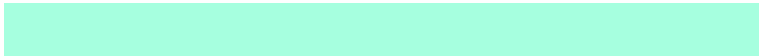
21.4041, 0.3127, 0.3290

Same Dimension

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



73.6497, 0.2839, 0.3586



84.9095, 0.2787, 0.3657



69.8146, 0.2694, 0.3182



17.0239, 0.3029, 0.3377



34.3162, 0.2589, 0.4520



2.7130, 0.2536, 0.4329

Inverse Universe

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



49.8401, 0.3541, 0.3014



52.5229, 0.3659, 0.2955



52.3367, 0.3746, 0.3395



15.1443, 0.3236, 0.3205



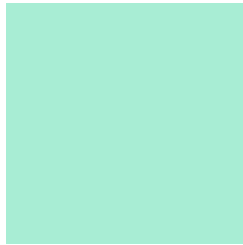
10.2185, 0.5526, 0.2818



0.8203, 0.5144, 0.2607

Previews

White Background



This preview shows how the Yxy color 73.6467, 0.2839, 0.3586 looks on a white background.

Color Contrast Check

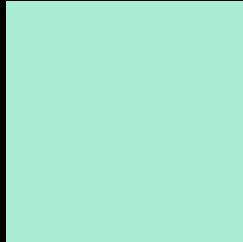
Large Text (above 18pt) WCAG AA × Fail

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 73.6467, 0.2839, 0.3586 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

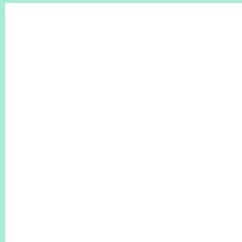
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.6467, 0.2839, 0.3586

Background



This preview shows how black text looks on a background with the Yxy color 73.6467, 0.2839, 0.3586.

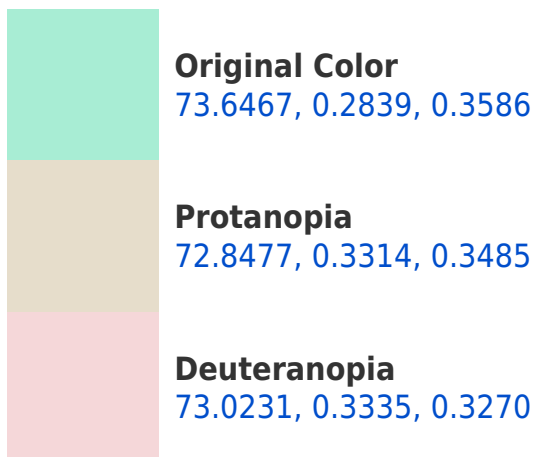


This preview shows how white text looks on a background with the Yxy color 73.6467, 0.2839, 0.3586.

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

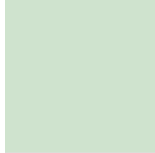
73.2841, 0.2675, 0.3076

Trichromacy



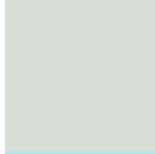
Original Color

73.6467, 0.2839, 0.3586



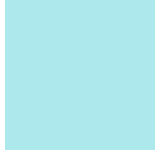
Protanomaly

72.6598, 0.3123, 0.3527



Deuteranomaly

72.4334, 0.3137, 0.3378



Tritanomaly

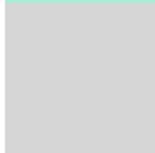
73.2182, 0.2734, 0.3254

Monochromacy



Original Color

73.6467, 0.2839, 0.3586



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

68.9170, 0.3011, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6467, 0.2839, 0.3586 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(168, 237, 212)` looks like.

```
.text, #text, p{  
    color:rgb(168, 237, 212)  
}
```

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(168, 237, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 237, 212) }
```

Border

The CSS property to change the border of an element to Yxy 73.6467, 0.2839, 0.3586 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(168, 237, 212) }
```

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

```
.border{ border-color:rgb(168, 237, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 237, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 237, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 237, 212);  
box-shadow:4px 4px 4px 4px rgb(168, 237,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6467, 0.2839, 0.3586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 237, 212) }
```

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

```
.background{ background-color: rgb(168,  
237, 212) }
```

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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