

Converting Colors

$Yxy(73.9306, 0.2780, 0.3435)$

Have a look what the booklet for
Yxy(73.9306, 0.2780, 0.3435)
contains.

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Color

Yxy(73.8077, 0.2779, 0.3429)

Conversions

Conversions Part 1

Format	Color
Hex	A9ECE0
RGB	169, 236, 224
RGB Percent	66%, 93%, 88%
CMY	0.3372, 0.0745, 0.1215
CMYK	0.28, 0.00, 0.05, 0.07
HSL	169°, 64%, 79%
HSV	169°, 28%, 93%
XYZ	59.8167, 73.8077, 81.6211
YIQ	214.5990, -36.0800, -17.9360

Conversions

Conversions Part 2

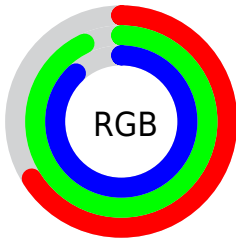
Format	Color
RYB	169, 206, 236
Decimal	11136224
CIELab	88.83, -23.38, -0.94
CIELCh	89, 23.398, 182.296
Yxy	73.8077, 0.2779, 0.3429
Android (android.graphics.Color)	4289326304 (0xFFA9ECE0)
YUV	214.5990, 4.6347, -39.9903
Hunter-Lab	85.9114, -26.0624, 3.8088

Details

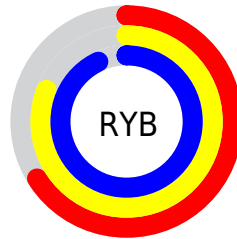
The Yxy color **73.8077, 0.2779, 0.3429** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **49.5548, 0.3640, 0.3157**, and the grayscale version is **67.6615, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9088, 0.2952, 0.3289**, and **39.1519, 0.2699, 0.3459** is the 20% darker color. If you saturate the color by 10%, you get **71.2049, 0.2675, 0.3486**, and if you desaturate by 10%, it is **76.8933, 0.2895, 0.3376**.

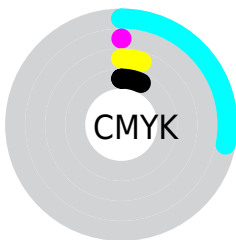
Distribution



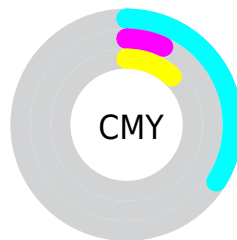
- Red (66%)
- Green (93%)
- Blue (88%)



- Red (66%)
- Yellow (81%)
- Blue (93%)



- Cyan (28%)
- Magenta (0%)
- Yellow (5%)
- Black (7%)




- Cyan (34%)
- Magenta (7%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.8077, 0.2779, 0.3429 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 73.8077, 0.2779, 0.3429 by changing the saturation by 10% instead.


 73.8077, 0.2779,
0.3429

 73.8077, 0.2779,
0.3429


473.8094, 0.2939,
0.3366

 54.6367, 0.2743,
0.3443


 124.6232, 0.2834,
0.3407

 39.1109, 0.2698,
0.3461


157.0364, 0.2856,
0.3399

 26.8460, 0.2641,
0.3483


194.6325, 0.2875,
0.3391

 17.4576, 0.2568,
0.3512

237.7958, 0.2891,
0.3385

 10.5613, 0.2469,
0.3550

286.9107, 0.2905,
0.3379

 5.7727, 0.2327,
0.3604

342.3617, 0.2918,

 2.7073, 0.2109,

0.3374

0.3686

404.5332, 0.2929,
0.3370

0.9809, 0.1446,
0.3957

0.0000, 0.0000,
0.0000

73.8077, 0.2779,
0.3429

73.8077, 0.2779,
0.3429

71.2049, 0.2675,
0.3486

76.8933, 0.2895,
0.3376

69.0506, 0.2585,
0.3546

80.4761, 0.3019,
0.3327

67.3198, 0.2512,
0.3609

84.5811, 0.3148,
0.3283

65.9818, 0.2457,
0.3673

87.5959, 0.3224,
0.3242

■ 65.0015, 0.2423,
0.3738

■ 87.8512, 0.3197,
0.3201

■ 64.3373, 0.2408,
0.3803

■ 88.1124, 0.3171,
0.3161

■ 63.9300, 0.2410,
0.3868

■ 88.3795, 0.3144,
0.3121

■ 63.8745, 0.2411,
0.3878

■ 88.4705, 0.3136,
0.3107

Harmonies

Analogous

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



73.8077, 0.3025, 0.3664



73.8077, 0.2779, 0.3429



73.8077, 0.2628, 0.3163

Triad

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



73.8077, 0.2779, 0.3429



73.8077, 0.2932, 0.2842



73.8077, 0.3676, 0.3602

Complementary

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



73.8077, 0.2779, 0.3429



49.5548, 0.3640, 0.3157

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.



73.8077, 0.3653, 0.3380



73.8077, 0.2779, 0.3429



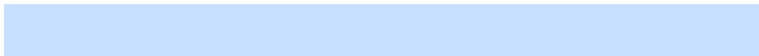
73.8077, 0.3212, 0.2954

Square

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



73.8077, 0.2779, 0.3429



73.8077, 0.2713, 0.2837



73.8077, 0.3480, 0.3147



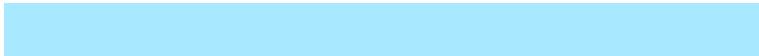
73.8077, 0.3547, 0.3755

Rectangle

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



73.8077, 0.2779, 0.3429



73.8077, 0.2598, 0.3010



73.8077, 0.3480, 0.3147



73.8077, 0.3687, 0.3532

Sweetspot

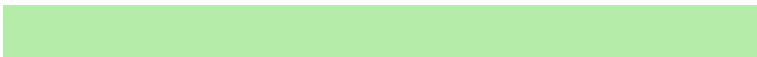
The Sweet Spot groups the original color and five complimentary colors.



73.8107, 0.2779, 0.3429



95.6424, 0.3010, 0.3330



72.7165, 0.3169, 0.4094



20.3309, 0.2992, 0.3337



0.0000, 0.0000, 0.0000



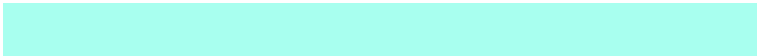
21.4041, 0.3127, 0.3290

Same Dimension

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



73.8107, 0.2779, 0.3429



86.1382, 0.2717, 0.3461



62.9883, 0.2689, 0.3038



17.0729, 0.3005, 0.3332



35.2266, 0.2408, 0.3867



2.7782, 0.2383, 0.3778

Inverse Universe

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



49.5548, 0.3640, 0.3157



52.8293, 0.3787, 0.3129



57.6265, 0.3687, 0.3528



15.0981, 0.3265, 0.3248



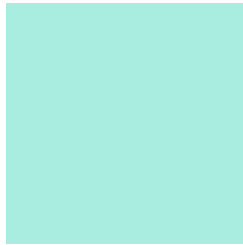
9.9363, 0.6125, 0.3148



0.7929, 0.5763, 0.2948

Previews

White Background



This preview shows how the Yxy color 73.8077, 0.2779, 0.3429 looks on a white background.

Color Contrast Check

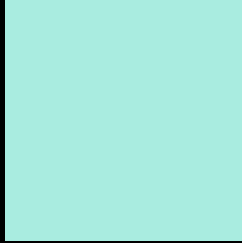
Large Text (above 18pt) WCAG AA × Fail

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 73.8077, 0.2779, 0.3429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

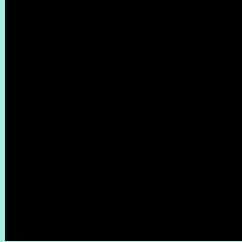
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

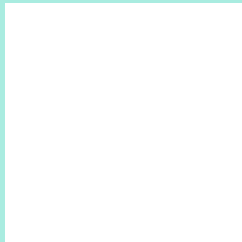
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.8077, 0.2779, 0.3429

Background



This preview shows how black text looks on a background with the Yxy color 73.8077, 0.2779, 0.3429.

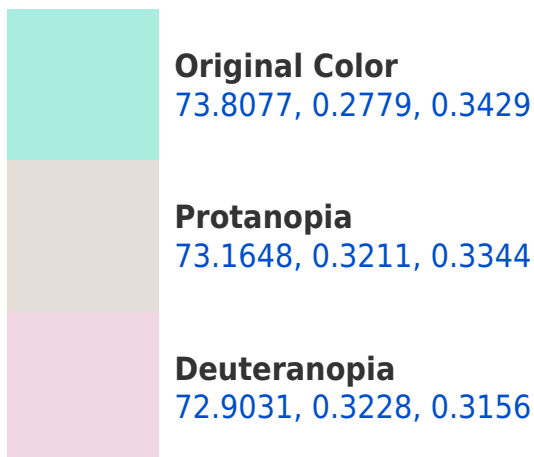


This preview shows how white text looks on a background with the Yxy color 73.8077, 0.2779, 0.3429.

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

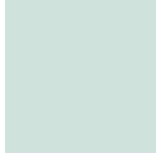
73.7922, 0.2666, 0.3076

Trichromacy



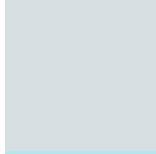
Original Color

73.8077, 0.2779, 0.3429



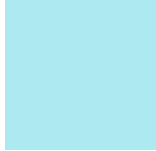
Protanomaly

72.7726, 0.3041, 0.3368



Deuteranomaly

72.7685, 0.3046, 0.3246



Tritanomaly

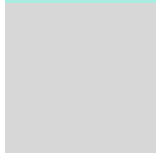
73.5129, 0.2708, 0.3198

Monochromacy



Original Color

73.8077, 0.2779, 0.3429



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

69.8431, 0.2987, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.8077, 0.2779, 0.3429 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(169, 236, 224)` looks like.

```
.text, #text, p{  
    color:rgb(169, 236, 224)  
}
```

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(169, 236, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 236, 224) }
```

Border

The CSS property to change the border of an element to Yxy 73.8077, 0.2779, 0.3429 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(169, 236, 224) }
```

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

```
.border{ border-color:rgb(169, 236, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 236, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 236, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 236, 224);  
box-shadow:4px 4px 4px 4px rgb(169, 236,  
224) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 73.8077, 0.2779, 0.3429$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 236, 224) }
```

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

```
.background{ background-color: rgb(169,  
236, 224) }
```

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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