

Converting Colors

$Yxy(73.4062, 0.2897, 0.3704)$

Have a look what the booklet for
Yxy(73.4062, 0.2897, 0.3704)
contains.

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Color

Yxy(73.3152, 0.2895, 0.3696)

Conversions

Conversions Part 1

Format	Color
Hex	A9EDCB
RGB	169, 237, 203
RGB Percent	66%, 93%, 80%
CMY	0.3372, 0.0706, 0.2039
CMYK	0.29, 0.00, 0.14, 0.07
HSL	150°, 65%, 80%
HSV	150°, 29%, 93%
XYZ	57.4263, 73.3152, 67.6222
YIQ	212.7920, -29.6140, -24.9900

Conversions

Conversions Part 2

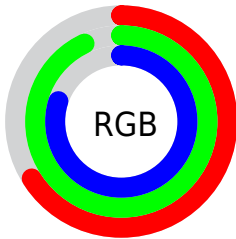
Format	Color
R _{YB}	169, 214, 237
Decimal	11136459
CIE Lab	88.60, -28.16, 9.70
CIE LCh	89, 29.783, 160.984
Yxy	73.3152, 0.2895, 0.3696
Android (android.graphics.Color)	4289326539 (0xFFA9EDCB)
YUV	212.7920, -4.8275, -38.4056
Hunter-Lab	85.6243, -30.1266, 13.1125

Details

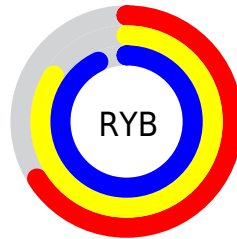
The Yxy color **73.3152, 0.2895, 0.3696** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **50.6961, 0.3448, 0.2918**, and the grayscale version is **66.4433, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9088, 0.2952, 0.3289**, and **38.8625, 0.2837, 0.3799** is the 20% darker color. If you saturate the color by 10%, you get **70.3864, 0.2825, 0.3866**, and if you desaturate by 10%, it is **76.7684, 0.2972, 0.3541**.

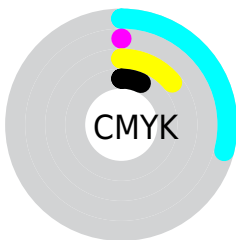
Distribution



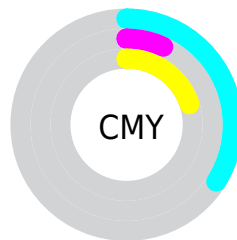
- Red (66%)
- Green (93%)
- Blue (80%)



- Red (66%)
- Yellow (84%)
- Blue (93%)



- Cyan (29%)
- Magenta (0%)
- Yellow (14%)
- Black (7%)





- Cyan (34%)
- Magenta (7%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.3152, 0.2895, 0.3696 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 73.3152, 0.2895, 0.3696 by changing the saturation by 10% instead.

 73.3152, 0.2895,
0.3696

 73.3152, 0.2895,
0.3696


472.1065, 0.3005,
0.3503

 54.2337, 0.2869,
0.3742


 123.9246, 0.2934,
0.3628

 38.7886, 0.2837,
0.3799


156.2213, 0.2949,
0.3602

 26.5953, 0.2796,
0.3872


193.6918, 0.2961,
0.3579

 17.2695, 0.2741,
0.3970

236.7207, 0.2972,
0.3560

 10.4268, 0.2664,
0.4108

285.6922, 0.2982,
0.3543

 5.6829, 0.2550,
0.4315


340.9907, 0.2991,

 2.6532, 0.2364,


0.3528


403.0007, 0.2998,
0.3515

0.4659


 0.9535, 0.1422,
0.6237


 0.0000, 0.0000,
0.0000


 73.3152, 0.2895,
0.3696


 73.3152, 0.2895,
0.3696


 70.3864, 0.2825,
0.3866


 76.7684, 0.2972,
0.3541


 67.9462, 0.2766,
0.4048

 80.7615, 0.3054,
0.3400

 65.9685, 0.2721,
0.4240

 85.3207, 0.3138,
0.3274

 64.4211, 0.2693,
0.4438

 88.7586, 0.3164,
0.3161

■ 63.2673, 0.2685,
0.4636

■ 89.0508, 0.3135,
0.3117

■ 62.4638, 0.2697,
0.4829

■ 61.9476, 0.2727,
0.5011

■ 61.8901, 0.2732,
0.5034

Harmonies

Analogous

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



73.3152, 0.3248, 0.3902



73.3152, 0.2895, 0.3696



73.3152, 0.2615, 0.3365

Triad

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



73.3152, 0.2895, 0.3696



73.3152, 0.2670, 0.2706



73.3152, 0.3830, 0.3482

Complementary

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



73.3152, 0.2895, 0.3696



50.6961, 0.3448, 0.2918

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.



73.3152, 0.3659, 0.3188



73.3152, 0.2895, 0.3696



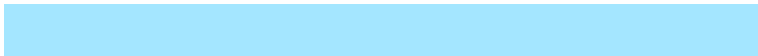
73.3152, 0.2975, 0.2756

Square

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



73.3152, 0.2895, 0.3696



73.3152, 0.2492, 0.2799



73.3152, 0.3339, 0.2929



73.3152, 0.3798, 0.3749

Rectangle

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



73.3152, 0.2895, 0.3696



73.3152, 0.2502, 0.3136



73.3152, 0.3339, 0.2929



73.3152, 0.3794, 0.3384

Sweetspot

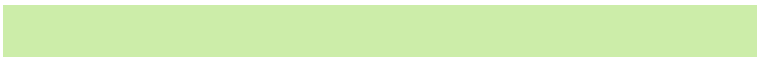
The Sweet Spot groups the original color and five complimentary colors.



73.3182, 0.2895, 0.3696



95.1869, 0.3051, 0.3405



76.2926, 0.3325, 0.4066



20.2184, 0.3039, 0.3424



0.0000, 0.0000, 0.0000



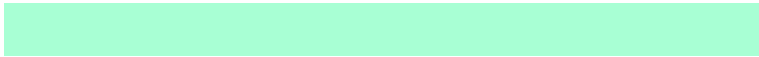
21.4041, 0.3127, 0.3290

Same Dimension

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



73.3182, 0.2895, 0.3696



84.6132, 0.2856, 0.3787



75.0551, 0.2717, 0.3302



16.9878, 0.3048, 0.3410



33.8149, 0.2724, 0.5005



2.6747, 0.2653, 0.4752

Inverse Universe

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



50.6961, 0.3448, 0.2918



54.1125, 0.3530, 0.2845



49.2913, 0.3751, 0.3279



15.1797, 0.3215, 0.3173



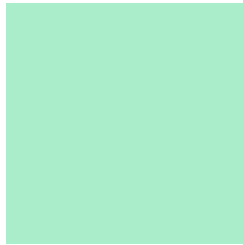
10.5773, 0.4956, 0.2504



0.8500, 0.4649, 0.2334

Previews

White Background



This preview shows how the Yxy color 73.3152, 0.2895, 0.3696 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 73.3152, 0.2895, 0.3696 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

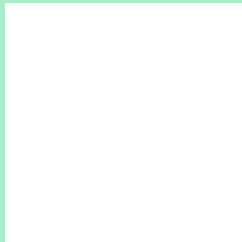
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.3152, 0.2895, 0.3696

Background



This preview shows how black text looks on a background with the Yxy color 73.3152, 0.2895, 0.3696.

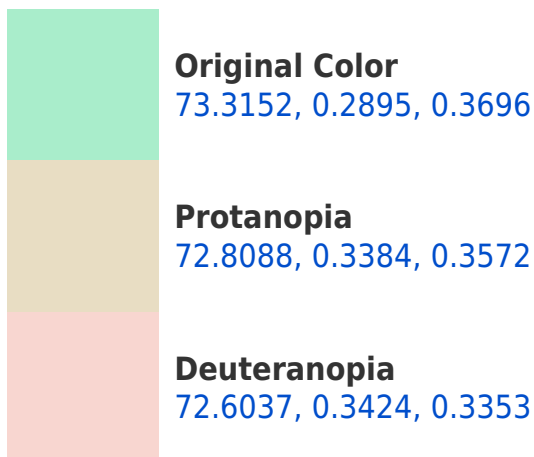


This preview shows how white text looks on a background with the Yxy color 73.3152, 0.2895, 0.3696.

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

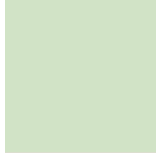
72.8982, 0.2690, 0.3076

Trichromacy



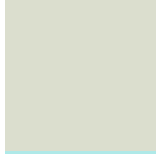
Original Color

73.3152, 0.2895, 0.3696



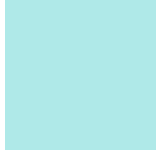
Protanomaly

72.5707, 0.3188, 0.3618



Deuteranomaly

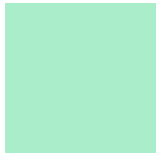
71.7589, 0.3212, 0.3467



Tritanomaly

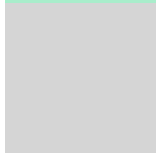
73.2180, 0.2767, 0.3300

Monochromacy



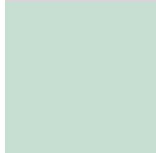
Original Color

73.3152, 0.2895, 0.3696



Achromatopsia

66.5387, 0.3127, 0.3290



Achromatomaly

68.7163, 0.3036, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3152, 0.2895, 0.3696 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, 237, 203)` looks like.

```
.text, #text, p{  
    color:rgb(169, 237, 203)  
}
```

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, 237, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 237, 203) }
```

Border

The CSS property to change the border of an element to Yxy 73.3152, 0.2895, 0.3696 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, 237, 203) }
```

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

```
.border{ border-color:rgb(169, 237, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 237, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 237, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 237, 203);  
box-shadow:4px 4px 4px 4px rgb(169, 237,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3152, 0.2895, 0.3696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 237, 203) }
```

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

```
.background{ background-color: rgb(169,  
237, 203) }
```

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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