

Converting Colors

$Yxy(73.1273, 0.2871, 0.3686)$

Have a look what the booklet for
Yxy(73.1273, 0.2871, 0.3686)
contains.

Yxy(73.0350, 0.2872, 0.3685)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.0350, 0.2872, 0.3685)

Conversions

Conversions Part 1

Format	Color
Hex	A6EDCC
RGB	166, 237, 204
RGB Percent	65%, 93%, 80%
CMY	0.3488, 0.0706, 0.1999
CMYK	0.30, 0.00, 0.14, 0.07
HSL	152°, 66%, 79%
HSV	152°, 30%, 93%
XYZ	56.9217, 73.0350, 68.2387
YIQ	212.0090, -31.7230, -25.3150

Conversions

Conversions Part 2

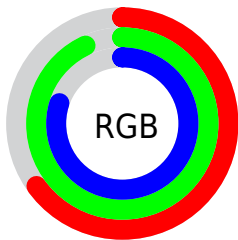
Format	Color
RYB	166, 212, 237
Decimal	10939852
CIELab	88.46, -28.82, 8.96
CIELCh	88, 30.184, 162.737
Yxy	73.0350, 0.2872, 0.3685
Android (android.graphics.Color)	4289129932 (0xFFA6EDCC)
YUV	212.0090, -3.9484, -40.3499
Hunter-Lab	85.4605, -30.6644, 12.4804

Details

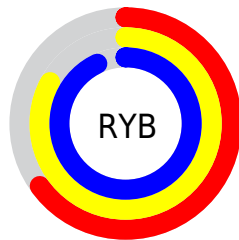
The Yxy color **73.0350, 0.2872, 0.3685** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **49.4252, 0.3488, 0.2928**, and the grayscale version is **65.8987, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4280, 0.2935, 0.3289**, and **38.6945, 0.2809, 0.3786** is the 20% darker color. If you saturate the color by 10%, you get **70.1970, 0.2799, 0.3844**, and if you desaturate by 10%, it is **76.3884, 0.2953, 0.3539**.

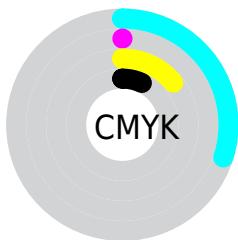
Distribution



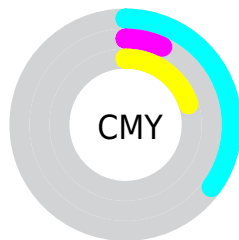
- Red (65%)
- Green (93%)
- Blue (80%)



- Red (65%)
- Yellow (83%)
- Blue (93%)



- Cyan (30%)
- Magenta (0%)
- Yellow (14%)
- Black (7%)





- Cyan (35%)
- Magenta (7%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.0350, 0.2872, 0.3685 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 73.0350, 0.2872, 0.3685 by changing the saturation by 10% instead.


 73.0350, 0.2872,
0.3685

 73.0350, 0.2872,
0.3685

471.1361, 0.2993,
0.3497

 54.0046, 0.2844,
0.3729


 123.5269, 0.2914,
0.3619

 38.6053, 0.2809,
0.3785


 155.7572, 0.2931,
0.3593

 26.4528, 0.2764,
0.3856


193.1562, 0.2945,
0.3571

 17.1627, 0.2704,
0.3952

236.1083, 0.2957,
0.3553

 10.3506, 0.2621,
0.4086

284.9980, 0.2967,
0.3536

 5.6320, 0.2499,
0.4286


340.2096, 0.2977,

 2.6226, 0.2299,


0.3521


0.4620


402.1275, 0.2985,
0.3509

 0.9381, 0.1231,
0.6175


 0.0000, 0.0000,
0.0000


 73.0350, 0.2872,
0.3685


 73.0350, 0.2872,
0.3685


 70.1970, 0.2799,
0.3844


 76.3884, 0.2953,
0.3539


 67.8386, 0.2738,
0.4013

 80.2728, 0.3039,
0.3407

 65.9336, 0.2692,
0.4192

 84.7144, 0.3128,
0.3289

 64.4495, 0.2664,
0.4375

 88.6055, 0.3178,
0.3183

■ 63.3491, 0.2656,
0.4559

■ 89.0428, 0.3135,
0.3117

■ 62.5885, 0.2668,
0.4739

■ 62.0941, 0.2698,
0.4911

■ 62.0908, 0.2698,
0.4912

Harmonies

Analogous

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



73.0350, 0.3228, 0.3905



73.0350, 0.2872, 0.3685



73.0350, 0.2595, 0.3344

Triad

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



73.0350, 0.2872, 0.3685



73.0350, 0.2679, 0.2697



73.0350, 0.3844, 0.3502

Complementary

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



73.0350, 0.2872, 0.3685



49.4252, 0.3488, 0.2928

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.



73.0350, 0.3682, 0.3203



73.0350, 0.2872, 0.3685



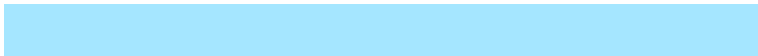
73.0350, 0.2993, 0.2756

Square

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



73.0350, 0.2872, 0.3685



73.0350, 0.2490, 0.2782



73.0350, 0.3363, 0.2937



73.0350, 0.3800, 0.3768

Rectangle

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



73.0350, 0.2872, 0.3685



73.0350, 0.2487, 0.3114



73.0350, 0.3363, 0.2937



73.0350, 0.3812, 0.3402

Sweetspot

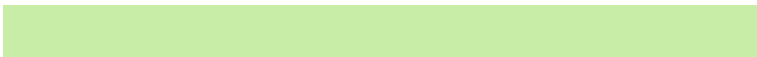
The Sweet Spot groups the original color and five complimentary colors.



73.0380, 0.2872, 0.3685



95.2361, 0.3047, 0.3396



75.4832, 0.3307, 0.4108



20.2305, 0.3034, 0.3415



0.0000, 0.0000, 0.0000



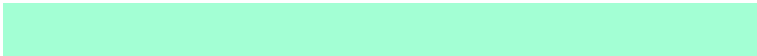
21.4041, 0.3127, 0.3290

Same Dimension

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



73.0380, 0.2872, 0.3685



84.0979, 0.2826, 0.3782



73.4311, 0.2693, 0.3261



16.9970, 0.3043, 0.3402



33.9292, 0.2690, 0.4884



2.6837, 0.2624, 0.4645

Inverse Universe

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



49.4252, 0.3488, 0.2928



51.9753, 0.3592, 0.2850



48.9237, 0.3791, 0.3319



15.1706, 0.3220, 0.3181



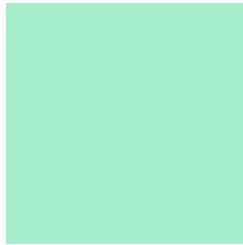
10.4723, 0.5105, 0.2586



0.8416, 0.4775, 0.2404

Previews

White Background



This preview shows how the Yxy color 73.0350, 0.2872, 0.3685 looks on a white background.

Color Contrast Check

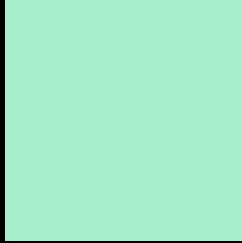
Large Text (above 18pt) WCAG AA × Fail

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 73.0350, 0.2872, 0.3685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

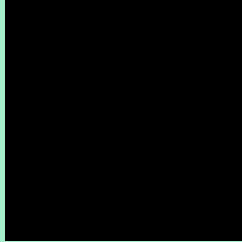
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

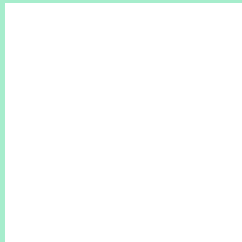
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.0350, 0.2872, 0.3685

Background



This preview shows how black text looks on a background with the Yxy color 73.0350, 0.2872, 0.3685.

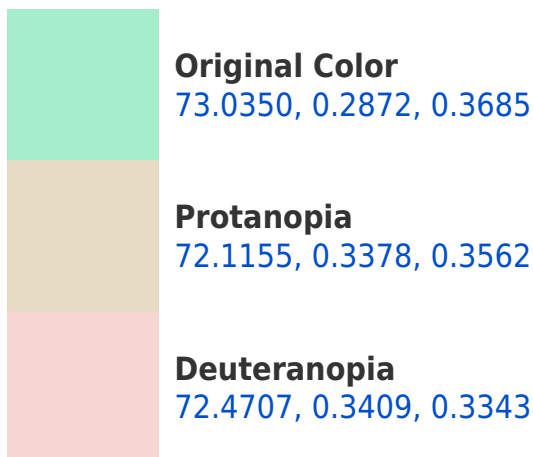


This preview shows how white text looks on a background with the Yxy color 73.0350, 0.2872, 0.3685.

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

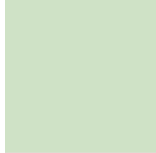
73.1053, 0.2675, 0.3087

Trichromacy



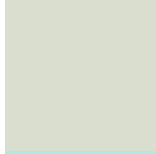
Original Color

73.0350, 0.2872, 0.3685



Protanomaly

71.7353, 0.3175, 0.3608



Deuteranomaly

71.6530, 0.3198, 0.3456



Tritanomaly

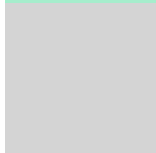
72.9317, 0.2745, 0.3289

Monochromacy



Original Color

73.0350, 0.2872, 0.3685



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

67.9185, 0.3023, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0350, 0.2872, 0.3685 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(166, 237, 204)` looks like.

```
.text, #text, p{  
    color:rgb(166, 237, 204)  
}
```

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(166, 237, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 237, 204) }
```

Border

The CSS property to change the border of an element to Yxy 73.0350, 0.2872, 0.3685 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(166, 237, 204) }
```

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

```
.border{ border-color:rgb(166, 237, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 237, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 237, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 237, 204);  
box-shadow:4px 4px 4px 4px rgb(166, 237,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0350, 0.2872, 0.3685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 237, 204) }
```

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

```
.background{ background-color: rgb(166,  
237, 204) }
```

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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