

Converting Colors

$Yxy(72.8850, 0.2918, 0.3687)$

Have a look what the booklet for
Yxy(72.8850, 0.2918, 0.3687)
contains.

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Color

Yxy(73.0258, 0.2918, 0.3695)

Conversions

Conversions Part 1

Format	Color
Hex	ACECCA
RGB	172, 236, 202
RGB Percent	67%, 93%, 79%
CMY	0.3255, 0.0745, 0.2078
CMYK	0.27, 0.00, 0.14, 0.07
HSL	148°, 63%, 80%
HSV	148°, 27%, 93%
XYZ	57.6696, 73.0258, 66.9387
YIQ	212.9880, -27.2300, -24.1420

Conversions

Conversions Part 2

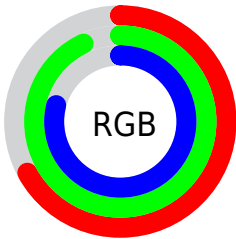
Format	Color
RYB	172, 216, 236
Decimal	11332810
CIELab	88.46, -26.97, 10.04
CIELCh	88, 28.777, 159.573
Yxy	73.0258, 0.2918, 0.3695
Android (android.graphics.Color)	4289522890 (0xFFACECCA)
YUV	212.9880, -5.4171, -35.9465
Hunter-Lab	85.4551, -29.0853, 13.3756

Details

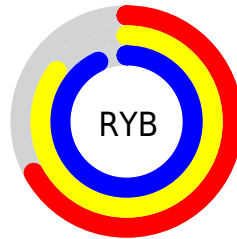
The Yxy color **73.0258, 0.2918, 0.3695** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **51.7939, 0.3408, 0.2918**, and the grayscale version is **66.5834, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2340, 0.2964, 0.3290**, and **38.6322, 0.2865, 0.3798** is the 20% darker color. If you saturate the color by 10%, you get **70.0215, 0.2850, 0.3874**, and if you desaturate by 10%, it is **76.5585, 0.2992, 0.3532**.

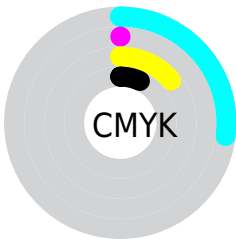
Distribution



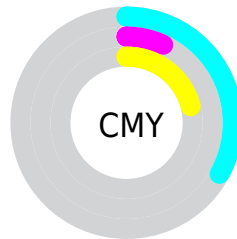
- Red (67%)
- Green (93%)
- Blue (79%)



- Red (67%)
- Yellow (85%)
- Blue (93%)



- Cyan (27%)
- Magenta (0%)
- Yellow (14%)
- Black (7%)





- Cyan (33%)
- Magenta (7%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.0258, 0.2918, 0.3695 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 73.0258, 0.2918, 0.3695 by changing the saturation by 10% instead.


 73.0258, 0.2918,
0.3695

 73.0258, 0.2918,
0.3695


471.1042, 0.3017,
0.3502

 53.9971, 0.2895,
0.3741


 123.5138, 0.2953,
0.3627

 38.5993, 0.2865,
0.3798


155.7419, 0.2967,
0.3601

 26.4482, 0.2828,
0.3871


193.1386, 0.2978,
0.3578

 17.1592, 0.2777,
0.3969


236.0882, 0.2988,
0.3559

 10.3481, 0.2707,
0.4108

284.9752, 0.2997,
0.3542

 5.6303, 0.2602,
0.4315


340.1839, 0.3005,

 2.6216, 0.2428,


0.3527

0.4660


402.0988, 0.3011,
0.3514


 0.9376, 0.1559,
0.6305


 0.0000, 0.0000,
0.0000


 73.0258, 0.2918,
0.3695


 73.0258, 0.2918,
0.3695


 70.0215, 0.2850,
0.3874


 76.5585, 0.2992,
0.3532


 67.5104, 0.2792,
0.4066

 80.6350, 0.3071,
0.3385

 65.4668, 0.2747,
0.4270

 85.2810, 0.3150,
0.3254

 63.8592, 0.2719,
0.4480

 88.2912, 0.3153,
0.3134

■ 62.6518, 0.2710,
0.4690

■ 88.4736, 0.3136,
0.3107

■ 61.8028, 0.2721,
0.4894

■ 61.2585, 0.2750,
0.5085

■ 61.1339, 0.2760,
0.5138

Harmonies

Analogous

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



73.0258, 0.3261, 0.3886



73.0258, 0.2918, 0.3695



73.0258, 0.2642, 0.3379

Triad

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



73.0258, 0.2918, 0.3695



73.0258, 0.2673, 0.2725



73.0258, 0.3803, 0.3464

Complementary

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



73.0258, 0.2918, 0.3695



51.7939, 0.3408, 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.



73.0258, 0.3629, 0.3179



73.0258, 0.2918, 0.3695



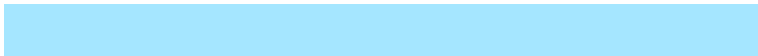
73.0258, 0.2964, 0.2767

Square

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



73.0258, 0.2918, 0.3695



73.0258, 0.2507, 0.2822



73.0258, 0.3316, 0.2930



73.0258, 0.3782, 0.3725

Rectangle

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



73.0258, 0.2918, 0.3695



73.0258, 0.2527, 0.3157



73.0258, 0.3316, 0.2930



73.0258, 0.3765, 0.3368

Sweetspot

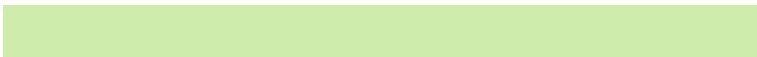
The Sweet Spot groups the original color and five complimentary colors.



73.0288, 0.2918, 0.3695



95.6559, 0.3063, 0.3398



76.1132, 0.3322, 0.4018



20.3100, 0.3051, 0.3419



0.0000, 0.0000, 0.0000



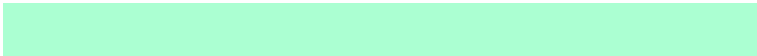
21.4041, 0.3127, 0.3290

Same Dimension

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



73.0288, 0.2918, 0.3695



84.8296, 0.2876, 0.3801



74.6971, 0.2743, 0.3313



16.9797, 0.3052, 0.3418



33.7223, 0.2752, 0.5108



2.6673, 0.2679, 0.4845

Inverse Universe

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



51.7939, 0.3408, 0.2918



55.2634, 0.3491, 0.2832



50.3992, 0.3696, 0.3268



15.1878, 0.3210, 0.3166



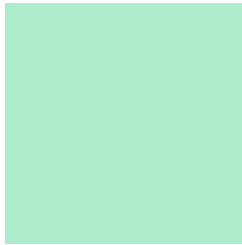
10.6772, 0.4825, 0.2432



0.8578, 0.4539, 0.2274

Previews

White Background



This preview shows how the Yxy color 73.0258, 0.2918, 0.3695 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 73.0258, 0.2918, 0.3695 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

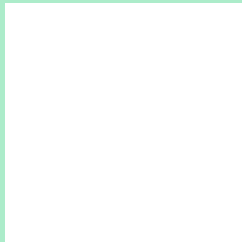
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.0258, 0.2918, 0.3695

Background



This preview shows how black text looks on a background with the Yxy color 73.0258, 0.2918, 0.3695.

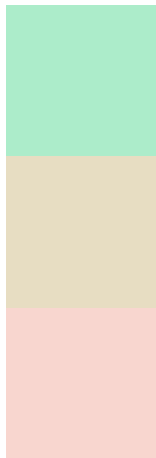


This preview shows how white text looks on a background with the Yxy color 73.0258, 0.2918, 0.3695.

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



Original Color

73.0258, 0.2918, 0.3695

Protanopia

72.5969, 0.3384, 0.3584

Deuteranopia

72.5546, 0.3431, 0.3364



Tritanopia

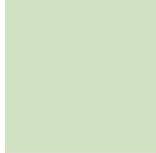
73.1947, 0.2712, 0.3088

Trichromacy



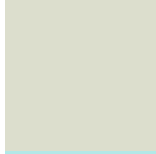
Original Color

73.0258, 0.2918, 0.3695



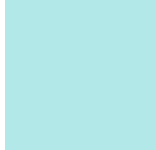
Protanomaly

72.1256, 0.3203, 0.3618



Deuteranomaly

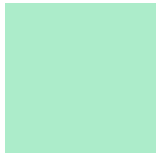
71.8660, 0.3226, 0.3478



Tritanomaly

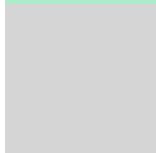
72.9477, 0.2789, 0.3300

Monochromacy



Original Color

73.0258, 0.2918, 0.3695



Achromatopsia

66.5387, 0.3127, 0.3290



Achromatomaly

68.3221, 0.3044, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0258, 0.2918, 0.3695 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(172, 236, 202)` looks like.

```
.text, #text, p{  
    color:rgb(172, 236, 202)  
}
```

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(172, 236, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 236, 202) }
```

Border

The CSS property to change the border of an element to Yxy 73.0258, 0.2918, 0.3695 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(172, 236, 202) }
```

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

```
.border{ border-color:rgb(172, 236, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 236, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 236, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 236, 202);  
box-shadow:4px 4px 4px 4px rgb(172, 236,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0258, 0.2918, 0.3695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 236, 202) }
```

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

```
.background{ background-color: rgb(172,  
236, 202) }
```

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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