

Converting Colors

$Yxy(73.1839, 0.2876, 0.3591)$

Have a look what the booklet for
Yxy(73.1839, 0.2876, 0.3591)
contains.

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Color

Yxy(72.9540, 0.2878, 0.3585)

Conversions

Conversions Part 1

Format	Color
Hex	ADEBD2
RGB	173, 235, 210
RGB Percent	68%, 92%, 82%
CMY	0.3218, 0.0784, 0.1764
CMYK	0.26, 0.00, 0.11, 0.08
HSL	156°, 61%, 80%
HSV	156°, 26%, 92%
XYZ	58.5667, 72.9540, 71.9772
YIQ	213.6120, -28.9270, -20.9190

Conversions

Conversions Part 2

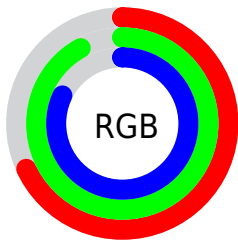
Format	Color
RYB	173, 212, 235
Decimal	11398098
CIELab	88.43, -24.64, 5.82
CIELCh	88, 25.314, 166.708
Yxy	72.9540, 0.2878, 0.3585
Android (android.graphics.Color)	4289588178 (0xFFAEBD2)
YUV	213.6120, -1.7807, -35.6167
Hunter-Lab	85.4131, -27.0777, 9.8258

Details

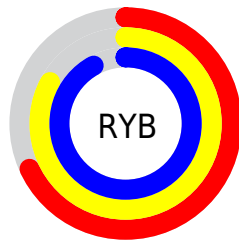
The Yxy color **72.9540, 0.2878, 0.3585** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **51.6049, 0.3469, 0.3014**, and the grayscale version is **66.9925, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5630, 0.2976, 0.3290**, and **38.5624, 0.2815, 0.3651** is the 20% darker color. If you saturate the color by 10%, you get **70.0524, 0.2795, 0.3717**, and if you desaturate by 10%, it is **76.3607, 0.2969, 0.3464**.

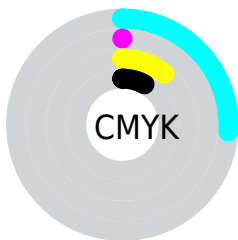
Distribution



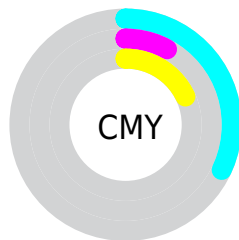
- Red (68%)
- Green (92%)
- Blue (82%)



- Red (68%)
- Yellow (83%)
- Blue (92%)



- Cyan (26%)
- Magenta (0%)
- Yellow (11%)
- Black (8%)





- Cyan (32%)
- Magenta (8%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.9540, 0.2878, 0.3585 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 72.9540, 0.2878, 0.3585 by changing the saturation by 10% instead.


 72.9540, 0.2878,
0.3585

 72.9540, 0.2878,
0.3585


470.8554, 0.2995,
0.3446

 53.9383, 0.2851,
0.3618


 123.4119, 0.2919,
0.3536

 38.5524, 0.2818,
0.3658


155.6230, 0.2934,
0.3517

 26.4117, 0.2775,
0.3710


193.0012, 0.2948,
0.3501

 17.1319, 0.2719,
0.3780

235.9312, 0.2960,
0.3487

 10.3286, 0.2641,
0.3876

284.7972, 0.2970,
0.3475

 5.6173, 0.2528,
0.4020

339.9836, 0.2979,

 2.6138, 0.2346,

0.3464

401.8749, 0.2987,
0.3454

0.4255

0.9336, 0.1560,
0.5109

0.0000, 0.0000,
0.0000

72.9540, 0.2878,
0.3585

72.9540, 0.2878,
0.3585

70.0524, 0.2795,
0.3717

76.3607, 0.2969,
0.3464

67.6217, 0.2724,
0.3859

80.2867, 0.3064,
0.3354

65.6375, 0.2666,
0.4010

84.7570, 0.3163,
0.3256

64.0694, 0.2626,
0.4166

87.4548, 0.3181,
0.3165

■ 62.8831, 0.2606,
0.4324

■ 87.9052, 0.3136,
0.3098

■ 62.0386, 0.2606,
0.4482

■ 61.4860, 0.2626,
0.4635

■ 61.3294, 0.2636,
0.4690

Harmonies

Analogous

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



72.9540, 0.3174, 0.3785



72.9540, 0.2878, 0.3585



72.9540, 0.2656, 0.3299

Triad

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



72.9540, 0.2878, 0.3585



72.9540, 0.2780, 0.2787



72.9540, 0.3733, 0.3506

Complementary

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



72.9540, 0.2878, 0.3585



51.6049, 0.3469, 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.



72.9540, 0.3618, 0.3253



72.9540, 0.2878, 0.3585



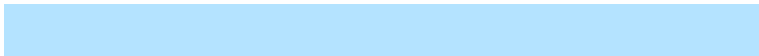
72.9540, 0.3057, 0.2851

Square

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



72.9540, 0.2878, 0.3585



72.9540, 0.2601, 0.2846



72.9540, 0.3366, 0.3018



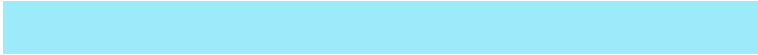
72.9540, 0.3675, 0.3720

Rectangle

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



72.9540, 0.2878, 0.3585



72.9540, 0.2574, 0.3111



72.9540, 0.3366, 0.3018



72.9540, 0.3713, 0.3423

Sweetspot

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



72.9570, 0.2878, 0.3585



95.8162, 0.3049, 0.3371



74.5559, 0.3266, 0.4008



20.3503, 0.3034, 0.3387



0.0000, 0.0000, 0.0000



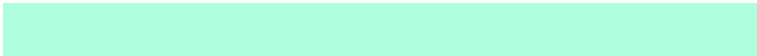
21.4041, 0.3127, 0.3290

Same Dimension

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



72.9570, 0.2878, 0.3585



85.7312, 0.2829, 0.3659



71.3828, 0.2736, 0.3229



17.0132, 0.3035, 0.3387



34.1537, 0.2629, 0.4666



2.7008, 0.2571, 0.4454

Inverse Universe

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



51.6049, 0.3469, 0.3014



55.7698, 0.3568, 0.2951



52.5669, 0.3680, 0.3350



15.1546, 0.3230, 0.3195



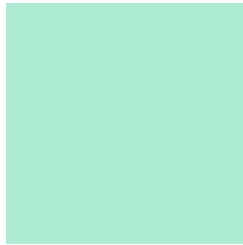
10.3097, 0.5364, 0.2728



0.8281, 0.4998, 0.2527

Previews

White Background



This preview shows how the Yxy color 72.9540, 0.2878, 0.3585 looks on a white background.

Color Contrast Check

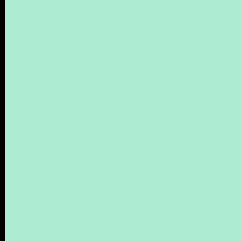
Large Text (above 18pt) WCAG AA × Fail

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 72.9540, 0.2878, 0.3585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

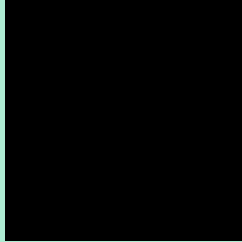
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

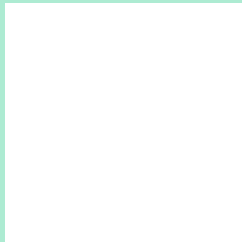
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.9540, 0.2878, 0.3585

Background



This preview shows how black text looks on a background with the Yxy color 72.9540, 0.2878, 0.3585.

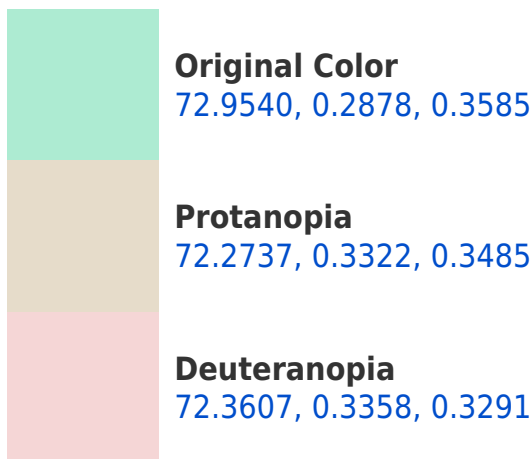


This preview shows how white text looks on a background with the Yxy color 72.9540, 0.2878, 0.3585.

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

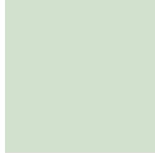
73.1947, 0.2712, 0.3088

Trichromacy



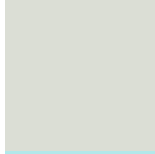
Original Color

72.9540, 0.2878, 0.3585



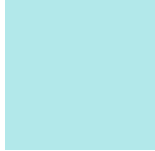
Protanomaly

71.8135, 0.3145, 0.3515



Deuteranomaly

72.1067, 0.3165, 0.3389



Tritanomaly

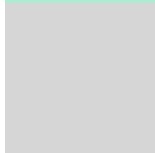
73.1187, 0.2772, 0.3266

Monochromacy



Original Color

72.9540, 0.2878, 0.3585



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

69.1888, 0.3025, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.9540, 0.2878, 0.3585 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(173, 235, 210)` looks like.

```
.text, #text, p{  
    color:rgb(173, 235, 210)  
}
```

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(173, 235, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 235, 210) }
```

Border

The CSS property to change the border of an element to Yxy 72.9540, 0.2878, 0.3585 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(173, 235, 210) }
```

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

```
.border{ border-color:rgb(173, 235, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 235, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 235, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 235, 210);  
box-shadow:4px 4px 4px 4px rgb(173, 235,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 72.9540, 0.2878, 0.3585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 235, 210) }
```

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

```
.background{ background-color: rgb(173,  
235, 210) }
```

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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