

Converting Colors

Yxy(68.4933, 0.2957, 0.3680)

Have a look what the booklet for
Yxy(68.4933, 0.2957, 0.3680)
contains.

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Color

Yxy(68.3566, 0.2957, 0.3679)

Conversions

Conversions Part 1

Format	Color
Hex	ADE4C4
RGB	173, 228, 196
RGB Percent	68%, 89%, 77%
CMY	0.3215, 0.1059, 0.2315
CMYK	0.24, 0.00, 0.14, 0.11
HSL	145°, 50%, 79%
HSV	145°, 24%, 89%
XYZ	54.9417, 68.3566, 62.5038
YIQ	207.9070, -22.5080, -21.6120

Conversions

Conversions Part 2

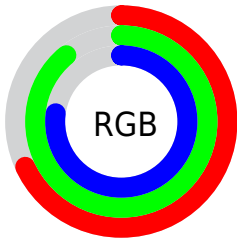
Format	Color
RYB	173, 212, 228
Decimal	11396292
CIELab	86.18, -23.94, 9.96
CIELCh	86, 25.931, 157.408
Yxy	68.3566, 0.2957, 0.3679
Android (android.graphics.Color)	4289586372 (0xFFADE4C4)
YUV	207.9070, -5.8702, -30.6134
Hunter-Lab	82.6781, -26.0688, 13.0519

Details

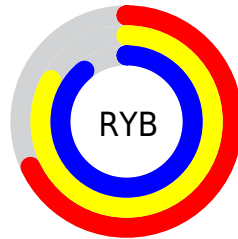
The Yxy color **68.3566, 0.2957, 0.3679** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **50.8017, 0.3345, 0.2931**, and the grayscale version is **63.0659, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2699, 0.2981, 0.3310**, and **35.3800, 0.2910, 0.3780** is the 20% darker color. If you saturate the color by 10%, you get **65.3994, 0.2893, 0.3871**, and if you desaturate by 10%, it is **71.8166, 0.3026, 0.3505**.

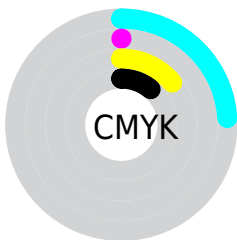
Distribution



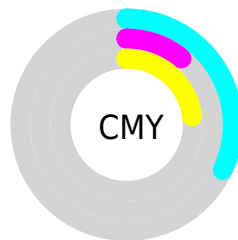
- Red (68%)
- Green (89%)
- Blue (77%)



- Red (68%)
- Yellow (83%)
- Blue (89%)



- Cyan (24%)
- Magenta (0%)
- Yellow (14%)
- Black (11%)




- Cyan (32%)
- Magenta (11%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.3566, 0.2957, 0.3679 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 68.3566, 0.2957, 0.3679 by changing the saturation by 10% instead.

 68.3566, 0.2957,
0.3679

 68.3566, 0.2957,
0.3679


454.7584, 0.3039,
0.3492

 50.1879, 0.2937,
0.3724


 116.8621, 0.2986,
0.3612

 35.5627, 0.2913,
0.3780


147.9678, 0.2997,
0.3587

 24.0967, 0.2880,
0.3853


184.1545, 0.3007,
0.3565

 15.4053, 0.2837,
0.3952

225.8067, 0.3015,
0.3547

 9.1044, 0.2775,
0.4092

273.3088, 0.3022,
0.3530

 4.8093, 0.2680,
0.4306

327.0452, 0.3029,

 2.1358, 0.2516,

0.3516

0.4673

387.4003, 0.3034,
0.3503

0.6847, 0.0829,
0.8558

0.0000, 0.0000,
0.0000

68.3566, 0.2957,
0.3679

68.3566, 0.2957,
0.3679

65.3994, 0.2893,
0.3871

71.8166, 0.3026,
0.3505

62.9126, 0.2837,
0.4079

75.7931, 0.3098,
0.3349

60.8730, 0.2793,
0.4300

80.3099, 0.3169,
0.3211

59.2522, 0.2763,
0.4528

83.5945, 0.3177,
0.3085

■ 58.0183, 0.2751,
0.4757

■ 83.9682, 0.3139,
0.3029

■ 57.1344, 0.2758,
0.4979

■ 56.5559, 0.2784,
0.5186

■ 56.3173, 0.2805,
0.5298

Harmonies

Analogous

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



68.3566, 0.3275, 0.3843



68.3566, 0.2957, 0.3679



68.3566, 0.2694, 0.3395

Triad

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



68.3566, 0.2957, 0.3679



68.3566, 0.2693, 0.2769



68.3566, 0.3743, 0.3434

Complementary

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



68.3566, 0.2957, 0.3679



50.8017, 0.3345, 0.2931

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.



68.3566, 0.3572, 0.3170



68.3566, 0.2957, 0.3679



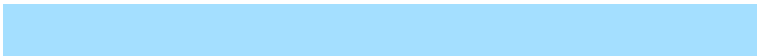
68.3566, 0.2956, 0.2799

Square

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



68.3566, 0.2957, 0.3679



68.3566, 0.2548, 0.2871



68.3566, 0.3278, 0.2943



68.3566, 0.3738, 0.3678

Rectangle

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



68.3566, 0.2957, 0.3679



68.3566, 0.2581, 0.3190



68.3566, 0.3278, 0.2943



68.3566, 0.3704, 0.3345

Sweetspot

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



68.3595, 0.2957, 0.3679



96.1185, 0.3076, 0.3393



71.4990, 0.3321, 0.3925



20.5051, 0.3072, 0.3402



0.0000, 0.0000, 0.0000



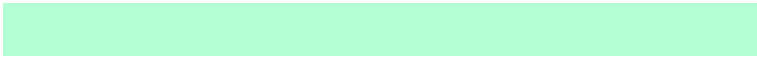
21.4041, 0.3127, 0.3290

Same Dimension

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



68.3595, 0.2957, 0.3679



86.0989, 0.2924, 0.3774



69.7258, 0.2798, 0.3343



16.1885, 0.3059, 0.3430



32.5413, 0.2797, 0.5270



2.4229, 0.2716, 0.4979

Inverse Universe

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



50.8017, 0.3345, 0.2931



59.7173, 0.3403, 0.2852



49.5897, 0.3588, 0.3239



14.5081, 0.3202, 0.3154



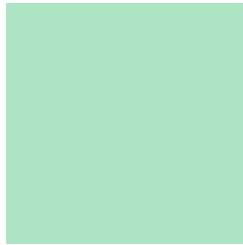
10.5238, 0.4608, 0.2312



0.7961, 0.4348, 0.2169

Previews

White Background



This preview shows how the Yxy color 68.3566, 0.2957, 0.3679 looks on a white background.

Color Contrast Check

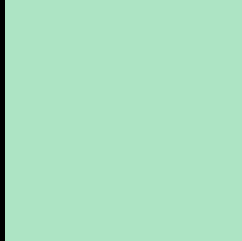
Large Text (above 18pt) WCAG AA × Fail

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 68.3566, 0.2957, 0.3679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

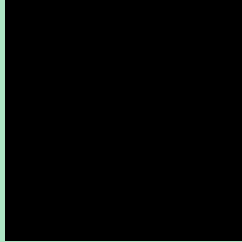
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

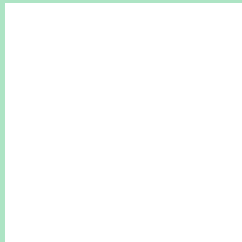
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.3566, 0.2957, 0.3679

Background



This preview shows how black text looks on a background with the Yxy color 68.3566, 0.2957, 0.3679.

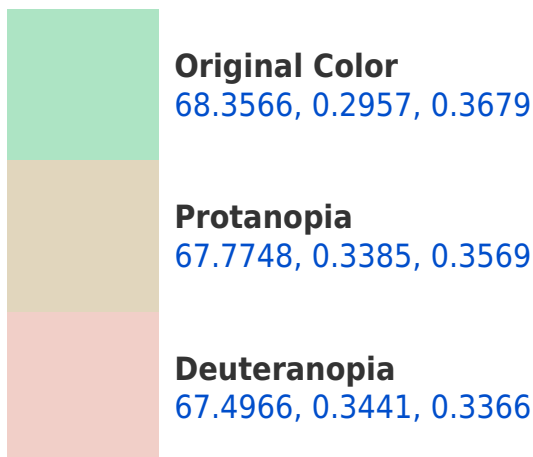


This preview shows how white text looks on a background with the Yxy color 68.3566, 0.2957, 0.3679.

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

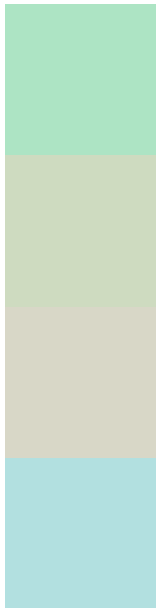




Tritanopia

68.3576, 0.2747, 0.3084

Trichromacy



Original Color

68.3566, 0.2957, 0.3679

Protanomaly

67.5906, 0.3214, 0.3602

Deuteranomaly

67.3233, 0.3244, 0.3471

Tritanomaly

68.1581, 0.2822, 0.3289

Monochromacy



Original Color

68.3566, 0.2957, 0.3679

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

64.5626, 0.3056, 0.3419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.3566, 0.2957, 0.3679 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, 228, 196)` looks like.

```
.text, #text, p{  
    color:rgb(173, 228, 196)  
}
```

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, 228, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 228, 196) }
```

Border

The CSS property to change the border of an element to Yxy 68.3566, 0.2957, 0.3679 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, 228, 196) }
```

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

```
.border{ border-color:rgb(173, 228, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 228, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 228, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 228, 196);  
box-shadow:4px 4px 4px 4px rgb(173, 228,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 68.3566, 0.2957, 0.3679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 228, 196) }
```

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

```
.background{ background-color: rgb(173,  
228, 196) }
```

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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