

Converting Colors

$Yxy(68.3230, 0.2932, 0.3583)$

Have a look what the booklet for
Yxy(68.3230, 0.2932, 0.3583)
contains.

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Color

Yxy(68.3639, 0.2928, 0.3579)

Conversions

Conversions Part 1

Format	Color
Hex	AFE3CB
RGB	175, 227, 203
RGB Percent	69%, 89%, 80%
CMY	0.3136, 0.1098, 0.2041
CMYK	0.23, 0.00, 0.11, 0.11
HSL	152°, 48%, 79%
HSV	152°, 23%, 89%
XYZ	55.9289, 68.3639, 66.7212
YIQ	208.7160, -23.2880, -18.4880

Conversions

Conversions Part 2

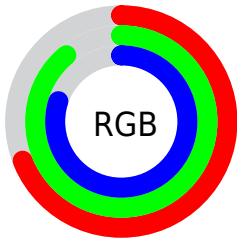
Format	Color
RYB	175, 209, 227
Decimal	11527115
CIELab	86.19, -21.48, 6.31
CIELCh	86, 22.385, 163.625
Yxy	68.3639, 0.2928, 0.3579
Android (android.graphics.Color)	4289717195 (0xFFAFE3CB)
YUV	208.7160, -2.8180, -29.5689
Hunter-Lab	82.6825, -23.9516, 10.0333

Details

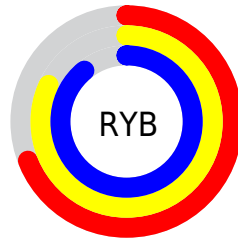
The Yxy color **68.3639, 0.2928, 0.3579** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.1310, 0.3385, 0.3019**, and the grayscale version is **63.5995, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7289, 0.2982, 0.3290**, and **35.3607, 0.2873, 0.3645** is the 20% darker color. If you saturate the color by 10%, you get **65.4728, 0.2849, 0.3727**, and if you desaturate by 10%, it is **71.7362, 0.3013, 0.3444**.

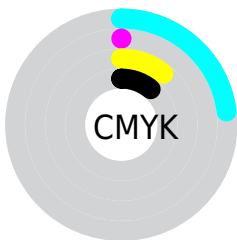
Distribution



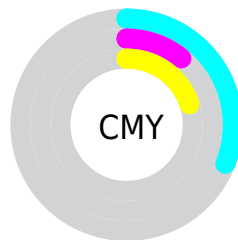
- Red (69%)
- Green (89%)
- Blue (80%)



- Red (69%)
- Yellow (82%)
- Blue (89%)



- Cyan (23%)
- Magenta (0%)
- Yellow (11%)
- Black (11%)





- Cyan (31%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.3639, 0.2928, 0.3579 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 68.3639, 0.2928, 0.3579 by changing the saturation by 10% instead.

 68.3639, 0.2928,
0.3579

 68.3639, 0.2928,
0.3579


454.7843, 0.3023,
0.3441

 50.1938, 0.2906,
0.3612


 116.8726, 0.2961,
0.3530

 35.5674, 0.2878,
0.3653


147.9800, 0.2974,
0.3511

 24.1003, 0.2842,
0.3706


184.1686, 0.2985,
0.3495

 15.4080, 0.2794,
0.3777

225.8229, 0.2995,
0.3482

 9.1063, 0.2728,
0.3878

273.3272, 0.3003,
0.3469

 4.8106, 0.2627,
0.4030

327.0659, 0.3010,

 2.1365, 0.2461,

0.3459

0.4288

387.4235, 0.3017,
0.3449

0.6851, 0.1136,
0.6135

0.0000, 0.0000,
0.0000

68.3639, 0.2928,
0.3579

68.3639, 0.2928,
0.3579

65.4728, 0.2849,
0.3727

71.7362, 0.3013,
0.3444

63.0315, 0.2779,
0.3888

75.6023, 0.3101,
0.3323

61.0183, 0.2722,
0.4059

79.9848, 0.3191,
0.3214

59.4062, 0.2681,
0.4238

82.7896, 0.3205,
0.3114

■ 58.1647, 0.2658,
0.4421

■ 83.4191, 0.3140,
0.3019

■ 57.2591, 0.2655,
0.4603

■ 56.6473, 0.2673,
0.4780

■ 56.3438, 0.2695,
0.4901

Harmonies

Analogous

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



68.3639, 0.3199, 0.3747



68.3639, 0.2928, 0.3579



68.3639, 0.2716, 0.3327

Triad

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



68.3639, 0.2928, 0.3579



68.3639, 0.2791, 0.2834



68.3639, 0.3670, 0.3465

Complementary

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



68.3639, 0.2928, 0.3579



51.1310, 0.3385, 0.3019

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.



68.3639, 0.3552, 0.3234



68.3639, 0.2928, 0.3579



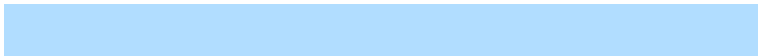
68.3639, 0.3036, 0.2880

Square

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



68.3639, 0.2928, 0.3579



68.3639, 0.2640, 0.2900



68.3639, 0.3316, 0.3024



68.3639, 0.3635, 0.3664

Rectangle

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



68.3639, 0.2928, 0.3579



68.3639, 0.2634, 0.3155



68.3639, 0.3316, 0.3024



68.3639, 0.3647, 0.3389

Sweetspot

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



68.3667, 0.2928, 0.3579



96.2498, 0.3064, 0.3371



70.2167, 0.3267, 0.3899



20.5355, 0.3059, 0.3379



0.0000, 0.0000, 0.0000



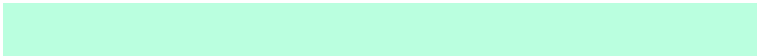
21.4041, 0.3127, 0.3290

Same Dimension

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



68.3667, 0.2928, 0.3579



87.3136, 0.2893, 0.3641



68.6601, 0.2787, 0.3269



16.2180, 0.3043, 0.3401



32.8832, 0.2688, 0.4875



2.4487, 0.2618, 0.4623

Inverse Universe

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



51.1310, 0.3385, 0.3019



61.5031, 0.3446, 0.2965



50.7792, 0.3593, 0.3311



14.4784, 0.3220, 0.3182



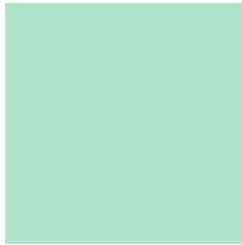
10.1423, 0.5112, 0.2590



0.7681, 0.4763, 0.2397

Previews

White Background



This preview shows how the Yxy color 68.3639, 0.2928, 0.3579 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 68.3639, 0.2928, 0.3579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

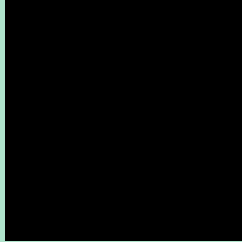
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

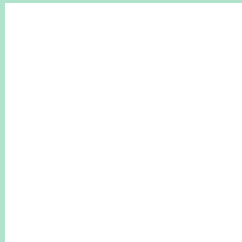
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.3639, 0.2928, 0.3579

Background



This preview shows how black text looks on a background with the Yxy color 68.3639, 0.2928, 0.3579.

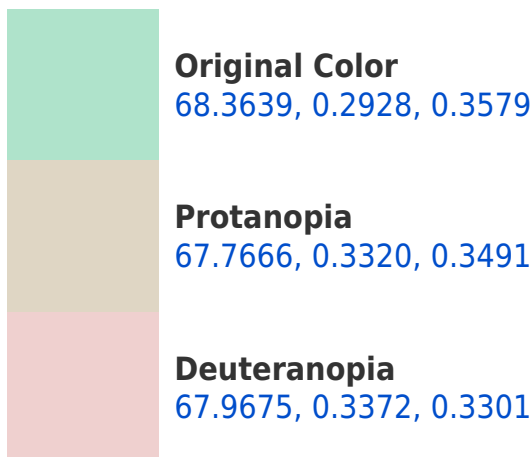


This preview shows how white text looks on a background with the Yxy color 68.3639, 0.2928, 0.3579.

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

68.4196, 0.2759, 0.3095

Trichromacy



Original Color

68.3639, 0.2928, 0.3579

Protanomaly

67.9084, 0.3167, 0.3520

Deuteranomaly

67.6560, 0.3196, 0.3391

Tritanomaly

68.3860, 0.2816, 0.3266

Monochromacy



Original Color

68.3639, 0.2928, 0.3579

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

65.4870, 0.3050, 0.3395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.3639, 0.2928, 0.3579 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(175, 227, 203)` looks like.

```
.text, #text, p{  
    color:rgb(175, 227, 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(175, 227, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 227, 203) }
```

Border

The CSS property to change the border of an element to Yxy 68.3639, 0.2928, 0.3579 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(175, 227, 203) }
```

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

```
.border{ border-color:rgb(175, 227, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 227, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 227, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 227, 203);  
box-shadow:4px 4px 4px 4px rgb(175, 227,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 68.3639, 0.2928, 0.3579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 227, 203) }
```

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

```
.background{ background-color: rgb(175,  
227, 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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