

Converting Colors

$Yxy(58.1702, 0.2900, 0.3371)$

Have a look what the booklet for
Yxy(58.1702, 0.2900, 0.3371)
contains.

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Color

Yxy(58.0339, 0.2899, 0.3365)

Conversions

Conversions Part 1

Format	Color
Hex	ABD0CA
RGB	171, 208, 202
RGB Percent	67%, 82%, 79%
CMY	0.3297, 0.1842, 0.2079
CMYK	0.18, 0.00, 0.03, 0.18
HSL	170°, 28%, 74%
HSV	170°, 18%, 82%
XYZ	49.9971, 58.0339, 64.4323
YIQ	196.2530, -20.1260, -9.7100

Conversions

Conversions Part 2

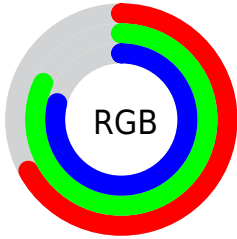
Format	Color
R _{YB}	171, 191, 208
Decimal	11260106
CIE _{Lab}	80.76, -13.44, -1.09
CIE _{LCh}	81, 13.483, 184.624
Y _{xy}	58.0339, 0.2899, 0.3365
Android (android.graphics.Color)	4289450186 (0xFFABD0CA)
YUV	196.2530, 2.8333, -22.1469
Hunter-Lab	76.1800, -16.1650, 3.1791

Details

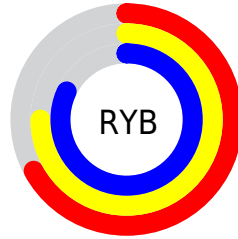
The Yxy color **58.0339, 0.2899, 0.3365** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.6842, 0.3415, 0.3217**, and the grayscale version is **55.3462, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0709, 0.2958, 0.3290**, and **29.1009, 0.2840, 0.3391** is the 20% darker color. If you saturate the color by 10%, you get **55.7238, 0.2782, 0.3412**, and if you desaturate by 10%, it is **60.7199, 0.3025, 0.3321**.

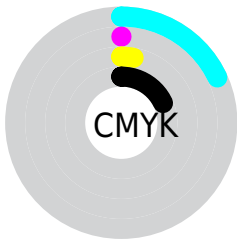
Distribution



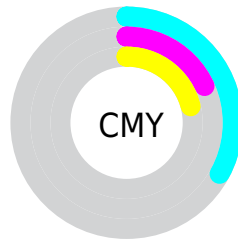
- Red (67%)
- Green (82%)
- Blue (79%)



- Red (67%)
- Yellow (75%)
- Blue (82%)



- Cyan (18%)
- Magenta (0%)
- Yellow (3%)
- Black (18%)





- Cyan (33%)
- Magenta (18%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.0339, 0.2899, 0.3365 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 58.0339, 0.2899, 0.3365 by changing the saturation by 10% instead.

 58.0339, 0.2899,
0.3365

 58.0339, 0.2899,
0.3365


417.3122, 0.3009,
0.3329

 41.8359, 0.2873,
0.3373

 101.9722, 0.2938,
0.3352

 28.9728, 0.2840,
0.3384


130.4813, 0.2953,
0.3348

 19.0603, 0.2798,
0.3397


163.8630, 0.2965,
0.3343

 11.7138, 0.2740,
0.3416

202.5015, 0.2976,
0.3340

 6.5491, 0.2659,
0.3441

246.7812, 0.2986,
0.3337

 3.1818, 0.2535,
0.3479

297.0867, 0.2994,

 1.2274, 0.2320,

0.3334

0.3543

353.8022, 0.3002,
0.3332

0.0839, 0.0000,
0.3339

0.0000, 0.0000,
0.0000

58.0339, 0.2899,
0.3365

58.0339, 0.2899,
0.3365

55.7238, 0.2782,
0.3412

60.7199, 0.3025,
0.3321

53.7651, 0.2676,
0.3463

63.7907, 0.3156,
0.3282

52.1419, 0.2584,
0.3517

67.2637, 0.3290,
0.3246

50.8337, 0.2508,
0.3573

71.1533, 0.3425,
0.3214

■ 49.8183, 0.2451,
0.3631

■ 71.4934, 0.3407,
0.3180

■ 49.0700, 0.2413,
0.3689

■ 71.6735, 0.3381,
0.3146

■ 48.5592, 0.2395,
0.3747

■ 71.8573, 0.3356,
0.3113

■ 48.2430, 0.2393,
0.3805

■ 72.0448, 0.3332,
0.3079

■ 48.1852, 0.2394,
0.3817

■ 72.2360, 0.3307,
0.3046

Harmonies

Analogous

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



58.0339, 0.3052, 0.3510



58.0339, 0.2899, 0.3365



58.0339, 0.2807, 0.3203

Triad

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



58.0339, 0.2899, 0.3365



58.0339, 0.3019, 0.3008



58.0339, 0.3466, 0.3499

Complementary

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



58.0339, 0.2899, 0.3365



45.6842, 0.3415, 0.3217

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.



58.0339, 0.3458, 0.3363



58.0339, 0.2899, 0.3365



58.0339, 0.3196, 0.3084

Square

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



58.0339, 0.2899, 0.3365



58.0339, 0.2875, 0.3002



58.0339, 0.3358, 0.3212



58.0339, 0.3381, 0.3585

Rectangle

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



58.0339, 0.2899, 0.3365



58.0339, 0.2792, 0.3109



58.0339, 0.3358, 0.3212



58.0339, 0.3474, 0.3457

Sweetspot

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



58.0363, 0.2899, 0.3365



97.5285, 0.3061, 0.3310



57.4206, 0.3151, 0.3765



20.8035, 0.3051, 0.3313



0.0000, 0.0000, 0.0000



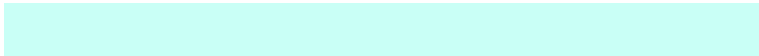
21.4041, 0.3127, 0.3290

Same Dimension

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



58.0363, 0.2899, 0.3365



90.6710, 0.2858, 0.3381



52.5304, 0.2853, 0.3133



13.3726, 0.3004, 0.3328



30.0362, 0.2391, 0.3809



1.6885, 0.2362, 0.3703

Inverse Universe

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



45.6842, 0.3415, 0.3217



67.9050, 0.3484, 0.3202



50.3383, 0.3443, 0.3442



11.8392, 0.3265, 0.3252



8.4388, 0.6153, 0.3163



0.4819, 0.5684, 0.2905

Previews

White Background



This preview shows how the Yxy color 58.0339, 0.2899, 0.3365 looks on a white background.

Color Contrast Check

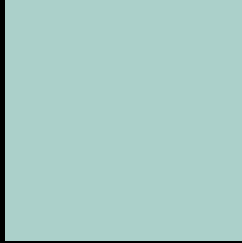
Large Text (above 18pt) WCAG AA × Fail

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 58.0339, 0.2899, 0.3365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

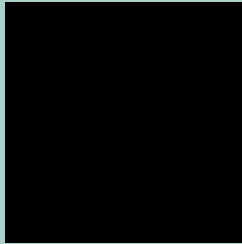
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

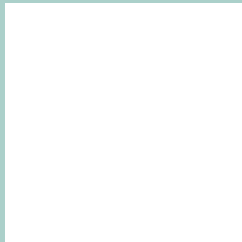
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.0339, 0.2899, 0.3365

Background



This preview shows how black text looks on a background with the Yxy color 58.0339, 0.2899, 0.3365.

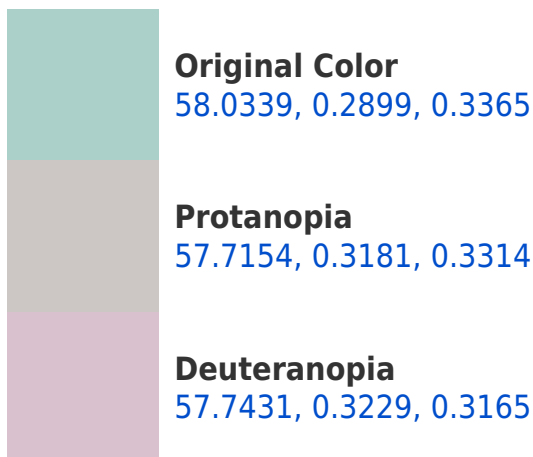


This preview shows how white text looks on a background with the Yxy color 58.0339, 0.2899, 0.3365.

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

57.9971, 0.2805, 0.3095

Trichromacy



Original Color

58.0339, 0.2899, 0.3365

Protanomaly

57.5710, 0.3072, 0.3326

Deuteranomaly

57.4858, 0.3099, 0.3231

Tritanomaly

57.9963, 0.2843, 0.3191

Monochromacy



Original Color

58.0339, 0.2899, 0.3365

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.9506, 0.3041, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0339, 0.2899, 0.3365 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(171, 208, 202)` looks like.

```
.text, #text, p{  
    color:rgb(171, 208, 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(171, 208, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 208, 202) }
```

Border

The CSS property to change the border of an element to Yxy 58.0339, 0.2899, 0.3365 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(171, 208, 202) }
```

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

```
.border{ border-color:rgb(171, 208, 202) }
```

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

Here you see how a box with a 4 pixel rgb(171, 208, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 208, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 208, 202);  
box-shadow:4px 4px 4px 4px rgb(171, 208,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0339, 0.2899, 0.3365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 208, 202) }
```

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

```
.background{ background-color: rgb(171,  
208, 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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