

Converting Colors

$Yxy(55.0359, 0.2868, 0.3315)$

Have a look what the booklet for
Yxy(55.0359, 0.2868, 0.3315)
contains.

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Color

Yxy(55.0359, 0.2868, 0.3315)

Conversions

Conversions Part 1

Format	Color
Hex	A6CBC9
RGB	166, 203, 201
RGB Percent	65%, 80%, 79%
CMY	0.3492, 0.2038, 0.2118
CMYK	0.18, 0.00, 0.01, 0.20
HSL	177°, 26%, 72%
HSV	177°, 18%, 80%
XYZ	47.6148, 55.0359, 63.3701
YIQ	191.7090, -21.4100, -8.4660

Conversions

Conversions Part 2

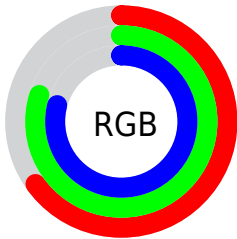
Format	Color
RYB	166, 185, 203
Decimal	10931145
CIELab	79.06, -12.65, -3.08
CIELCh	79, 13.016, 193.701
Yxy	55.0359, 0.2868, 0.3315
Android (android.graphics.Color)	4289121225 (0xFFA6CBC9)
YUV	191.7090, 4.5805, -22.5468
Hunter-Lab	74.1862, -15.2595, 1.2846

Details

The Yxy color **55.0359, 0.2868, 0.3315** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.7760, 0.3460, 0.3265**, and the grayscale version is **52.5110, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2696, 0.2929, 0.3289**, and **27.1122, 0.2798, 0.3324** is the 20% darker color. If you saturate the color by 10%, you get **52.9637, 0.2739, 0.3330**, and if you desaturate by 10%, it is **57.4593, 0.3007, 0.3301**.

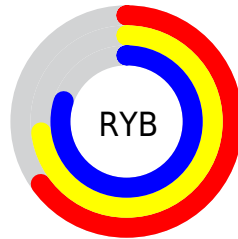
Distribution



Red (65%)

Green (80%)

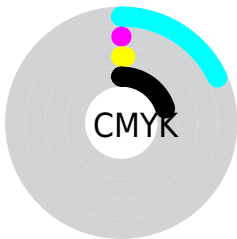
Blue (79%)



Red (65%)

Yellow (73%)

Blue (80%)

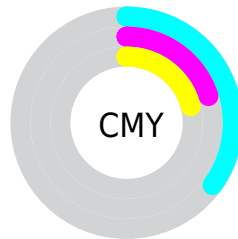


Cyan (18%)

Magenta (0%)

Yellow (1%)

Black (20%)



Cyan (35%)


Magenta (20%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.0359, 0.2868, 0.3315 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 55.0359, 0.2868, 0.3315 by changing the saturation by 10% instead.


 55.0359, 0.2868,
0.3315


 55.0359, 0.2868,
0.3315


406.0480, 0.2993,
0.3304

 39.4305, 0.2838,
0.3317


 97.5936, 0.2913,
0.3311

 27.0948, 0.2800,
0.3320


 125.3146, 0.2930,
0.3310

 17.6444, 0.2751,
0.3324


157.8429, 0.2944,
0.3309

 10.6950, 0.2684,
0.3328

195.5629, 0.2957,
0.3307

 5.8621, 0.2589,
0.3333

238.8590, 0.2968,
0.3306

 2.7614, 0.2441,
0.3339

288.1157, 0.2977,

 1.0085, 0.2147,

0.3305

343.7172, 0.2986,
0.3305

0.3358

0.0000, 0.0000,
0.0000

55.0359, 0.2868,
0.3315

55.0359, 0.2868,
0.3315

52.9637, 0.2739,
0.3330

57.4593, 0.3007,
0.3301

51.2196, 0.2624,
0.3347

60.2423, 0.3153,
0.3288

49.7885, 0.2523,
0.3364

63.4014, 0.3303,
0.3276

48.6512, 0.2441,
0.3382

66.9499, 0.3456,
0.3266

47.7865, 0.2377,
0.3400

68.4624, 0.3509,
0.3255

■ 47.1703, 0.2332,
0.3418

■ 68.5166, 0.3501,
0.3244

■ 46.7744, 0.2306,
0.3436

■ 68.5711, 0.3492,
0.3232

■ 46.5558, 0.2295,
0.3454

■ 68.6259, 0.3483,
0.3221

■ 46.5245, 0.2294,
0.3457

■ 68.6812, 0.3475,
0.3210

Harmonies

Analogous

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



55.0359, 0.3004, 0.3468



55.0359, 0.2868, 0.3315



55.0359, 0.2801, 0.3160

Triad

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



55.0359, 0.2868, 0.3315



55.0359, 0.3072, 0.3029



55.0359, 0.3444, 0.3528

Complementary

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



55.0359, 0.2868, 0.3315



42.7760, 0.3460, 0.3265

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.



55.0359, 0.3465, 0.3405



55.0359, 0.2868, 0.3315



55.0359, 0.3247, 0.3122

Square

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



55.0359, 0.2868, 0.3315



55.0359, 0.2917, 0.3000



55.0359, 0.3392, 0.3258



55.0359, 0.3336, 0.3591

Rectangle

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



55.0359, 0.2868, 0.3315



55.0359, 0.2803, 0.3078



55.0359, 0.3392, 0.3258



55.0359, 0.3461, 0.3492

Sweetspot

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



55.0382, 0.2868, 0.3315



97.6169, 0.3053, 0.3297



53.8418, 0.3123, 0.3781



20.8251, 0.3043, 0.3297



0.0000, 0.0000, 0.0000



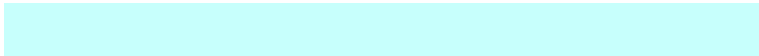
21.4041, 0.3127, 0.3290

Same Dimension

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



55.0382, 0.2868, 0.3315



90.6732, 0.2815, 0.3321



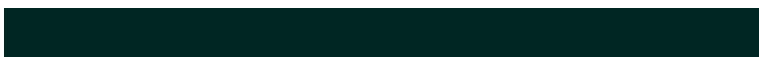
47.9335, 0.2844, 0.3080



12.7161, 0.2991, 0.3302



29.6065, 0.2293, 0.3454



1.5307, 0.2283, 0.3419

Inverse Universe

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



42.7760, 0.3460, 0.3265



66.3230, 0.3553, 0.3260



48.9093, 0.3443, 0.3491



11.2234, 0.3282, 0.3278



8.0998, 0.6336, 0.3264



0.4214, 0.6122, 0.3146

Previews

White Background



This preview shows how the Yxy color 55.0359, 0.2868, 0.3315 looks on a white background.

Color Contrast Check

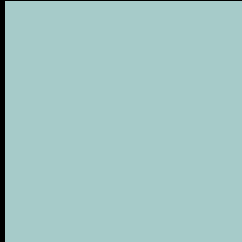
Large Text (above 18pt) WCAG AA × Fail

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 55.0359, 0.2868, 0.3315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

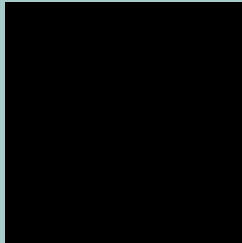
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

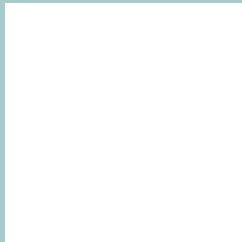
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.0359, 0.2868, 0.3315

Background



This preview shows how black text looks on a background with the Yxy color 55.0359, 0.2868, 0.3315.



This preview shows how white text looks on a background with the Yxy color 55.0359, 0.2868, 0.3315.

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

55.0359, 0.2868, 0.3315

Protanopia

54.5749, 0.3144, 0.3266

Deuteranopia

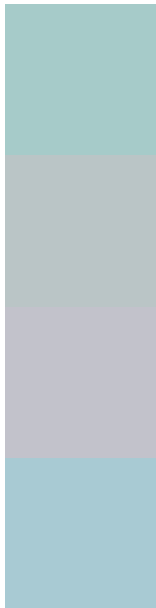
54.4565, 0.3184, 0.3115



Tritanopia

55.2181, 0.2786, 0.3090

Trichromacy



Original Color

55.0359, 0.2868, 0.3315

Protanomaly

54.4488, 0.3034, 0.3277

Deuteranomaly

54.3647, 0.3061, 0.3181

Tritanomaly

55.2690, 0.2818, 0.3176

Monochromacy



Original Color

55.0359, 0.2868, 0.3315

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.4873, 0.3033, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0359, 0.2868, 0.3315 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(166, 203, 201)` looks like.

```
.text, #text, p{  
    color:rgb(166, 203, 201)  
}
```

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(166, 203, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 203, 201) }
```

Border

The CSS property to change the border of an element to Yxy 55.0359, 0.2868, 0.3315 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(166, 203, 201) }
```

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

```
.border{ border-color:rgb(166, 203, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 203, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 203, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 203, 201);  
box-shadow:4px 4px 4px 4px rgb(166, 203,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0359, 0.2868, 0.3315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 203, 201) }
```

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

```
.background{ background-color: rgb(166,  
203, 201) }
```

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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