

Converting Colors

$Yxy(55.9055, 0.2919, 0.3456)$

Have a look what the booklet for
Yxy(55.9055, 0.2919, 0.3456)
contains.

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Color

Yxy(55.9922, 0.2915, 0.3457)

Conversions

Conversions Part 1

Format	Color
Hex	A5CEC1
RGB	165, 206, 193
RGB Percent	65%, 81%, 76%
CMY	0.3529, 0.1921, 0.2432
CMYK	0.20, 0.00, 0.06, 0.19
HSL	161°, 29%, 73%
HSV	161°, 20%, 81%
XYZ	47.2136, 55.9922, 58.7618
YIQ	192.2590, -20.2630, -12.7350

Conversions

Conversions Part 2

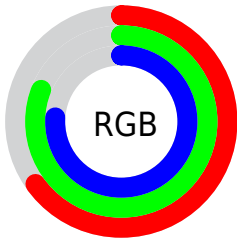
Format	Color
R_{YB}	165, 189, 206
Decimal	10866369
CIE _{Lab}	79.61, -16.12, 2.01
CIE _{LCh}	80, 16.249, 172.891
Yxy	55.9922, 0.2915, 0.3457
Android (android.graphics.Color)	4289056449 (0xFFA5CEC1)
YUV	192.2590, 0.3653, -23.9061
Hunter-Lab	74.8279, -18.3222, 5.8195

Details

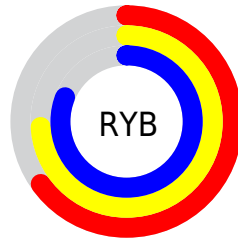
The Yxy color **55.9922, 0.2915, 0.3457** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.2511, 0.3397, 0.3129**, and the grayscale version is **52.8796, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7317, 0.2955, 0.3350**, and **27.7947, 0.2851, 0.3500** is the 20% darker color. If you saturate the color by 10%, you get **53.6748, 0.2817, 0.3553**, and if you desaturate by 10%, it is **58.6829, 0.3020, 0.3369**.

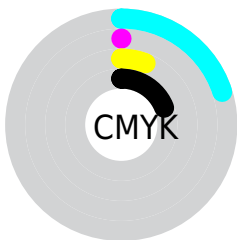
Distribution



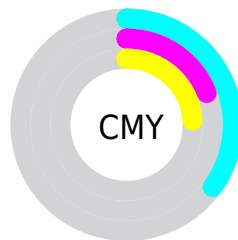
- Red (65%)
- Green (81%)
- Blue (76%)



- Red (65%)
- Yellow (74%)
- Blue (81%)



- Cyan (20%)
- Magenta (0%)
- Yellow (6%)
- Black (19%)



- Cyan (35%)
- Magenta (19%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9922, 0.2915, 0.3457 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 55.9922, 0.2915, 0.3457 by changing the saturation by 10% instead.


 55.9922, 0.2915,
0.3457

 55.9922, 0.2915,
0.3457


409.6621, 0.3018,
0.3375

 40.1967, 0.2890,
0.3477


 98.9932, 0.2952,
0.3428

 27.6919, 0.2859,
0.3502


 126.9674, 0.2966,
0.3417

 18.0936, 0.2817,
0.3535


159.7700, 0.2978,
0.3407

 11.0172, 0.2761,
0.3580

197.7853, 0.2988,
0.3399

 6.0784, 0.2681,
0.3646

241.3978, 0.2997,
0.3392

 2.8928, 0.2555,
0.3750

290.9918, 0.3005,

 1.0760, 0.2277,

0.3386

0.3967

346.9518, 0.3012,
0.3380

0.0000, 0.0000,
0.0000

55.9922, 0.2915,
0.3457

55.9922, 0.2915,
0.3457

53.6748, 0.2817,
0.3553

58.6829, 0.3020,
0.3369

51.7067, 0.2729,
0.3658

61.7561, 0.3128,
0.3289

50.0716, 0.2654,
0.3769

65.2290, 0.3239,
0.3218

48.7491, 0.2595,
0.3885

69.1160, 0.3349,
0.3155

47.7168, 0.2554,
0.4005

70.8790, 0.3359,
0.3092

■ 46.9487, 0.2533,
0.4127

■ 71.2444, 0.3311,
0.3028

■ 46.4146, 0.2532,
0.4248

■ 71.6236, 0.3263,
0.2964

■ 46.0587, 0.2547,
0.4368

■ 72.0169, 0.3217,
0.2902

■ 46.0554, 0.2547,
0.4369

■ 72.4243, 0.3171,
0.2840

Harmonies

Analogous

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



55.9922, 0.3118, 0.3611



55.9922, 0.2915, 0.3457



55.9922, 0.2771, 0.3258

Triad

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



55.9922, 0.2915, 0.3457



55.9922, 0.2919, 0.2934



55.9922, 0.3552, 0.3482

Complementary

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



55.9922, 0.2915, 0.3457



43.2511, 0.3397, 0.3129

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.



55.9922, 0.3496, 0.3304



55.9922, 0.2915, 0.3457



55.9922, 0.3125, 0.2996

Square

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



55.9922, 0.2915, 0.3457



55.9922, 0.2773, 0.2961



55.9922, 0.3337, 0.3129



55.9922, 0.3489, 0.3618

Rectangle

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



55.9922, 0.2915, 0.3457



55.9922, 0.2726, 0.3131



55.9922, 0.3337, 0.3129



55.9922, 0.3546, 0.3425

Sweetspot

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



55.9945, 0.2915, 0.3457



96.9038, 0.3061, 0.3337



56.4065, 0.3206, 0.3817



20.6723, 0.3054, 0.3343



0.0000, 0.0000, 0.0000



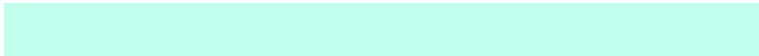
21.4041, 0.3127, 0.3290

Same Dimension

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



55.9945, 0.2915, 0.3457



88.9938, 0.2871, 0.3498



53.3825, 0.2826, 0.3202



12.6641, 0.3025, 0.3365



28.3764, 0.2542, 0.4351



1.4773, 0.2477, 0.4118

Inverse Universe

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



43.2511, 0.3397, 0.3129



64.5706, 0.3473, 0.3092



45.2839, 0.3502, 0.3376



11.2714, 0.3241, 0.3217



8.3337, 0.5679, 0.2902



0.4437, 0.5117, 0.2593

Previews

White Background



This preview shows how the Yxy color 55.9922, 0.2915, 0.3457 looks on a white background.

Color Contrast Check

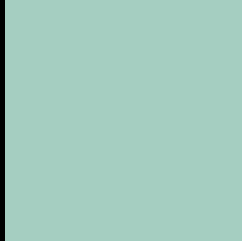
Large Text (above 18pt) WCAG AA × Fail

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 55.9922, 0.2915, 0.3457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

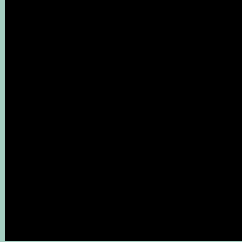
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

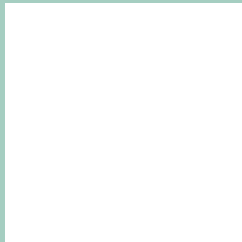
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.9922, 0.2915, 0.3457

Background



This preview shows how black text looks on a background with the Yxy color 55.9922, 0.2915, 0.3457.

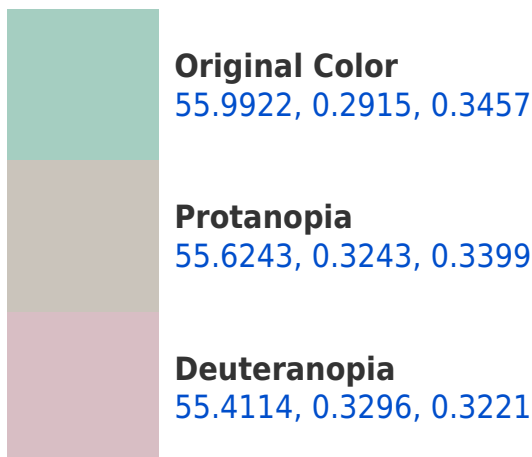


This preview shows how white text looks on a background with the Yxy color 55.9922, 0.2915, 0.3457.

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

55.8491, 0.2787, 0.3091

Trichromacy



Original Color

55.9922, 0.2915, 0.3457

Protanomaly

55.8015, 0.3121, 0.3426

Deuteranomaly

55.2903, 0.3142, 0.3302

Tritanomaly

55.6402, 0.2831, 0.3214

Monochromacy



Original Color

55.9922, 0.2915, 0.3457

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.6834, 0.3046, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9922, 0.2915, 0.3457 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(165, 206, 193)` looks like.

```
.text, #text, p{  
    color:rgb(165, 206, 193)  
}
```

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(165, 206, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 206, 193) }
```

Border

The CSS property to change the border of an element to Yxy 55.9922, 0.2915, 0.3457 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(165, 206, 193) }
```

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

```
.border{ border-color:rgb(165, 206, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 206, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 206, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 206, 193);  
box-shadow:4px 4px 4px 4px rgb(165, 206,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9922, 0.2915, 0.3457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 206, 193) }
```

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

```
.background{ background-color: rgb(165,  
206, 193) }
```

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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