

Converting Colors

$Y_{xy}(55.5281, 0.2813, 0.3359)$

Have a look what the booklet for
Yxy(55.5281, 0.2813, 0.3359)
contains.

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Color

Yxy(55.5278, 0.2810, 0.3354)

Conversions

Conversions Part 1

Format	Color
Hex	9DCEC9
RGB	157, 206, 201
RGB Percent	62%, 81%, 79%
CMY	0.3842, 0.1922, 0.2119
CMYK	0.24, 0.00, 0.02, 0.19
HSL	174°, 33%, 71%
HSV	174°, 24%, 81%
XYZ	46.5215, 55.5278, 63.5076
YIQ	190.7790, -27.5990, -11.9430

Conversions

Conversions Part 2

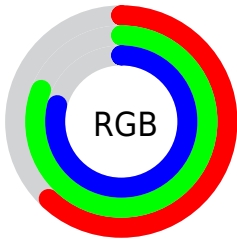
Format	Color
R _{YB}	157, 183, 206
Decimal	10342089
CIE Lab	79.34, -16.93, -2.72
CIE LCh	79, 17.142, 189.119
Yxy	55.5278, 0.2810, 0.3354
Android (android.graphics.Color)	4288532169 (0xFF9DCEC9)
YUV	190.7790, 5.0390, -29.6242
Hunter-Lab	74.5170, -18.9658, 1.6315

Details

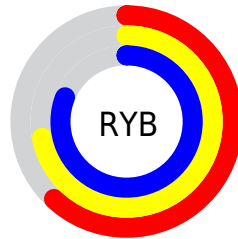
The Yxy color **55.5278, 0.2810, 0.3354** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.8601, 0.3567, 0.3228**, and the grayscale version is **51.9524, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7370, 0.2872, 0.3289**, and **27.5061, 0.2726, 0.3377** is the 20% darker color. If you saturate the color by 10%, you get **53.5303, 0.2693, 0.3385**, and if you desaturate by 10%, it is **57.8806, 0.2938, 0.3325**.

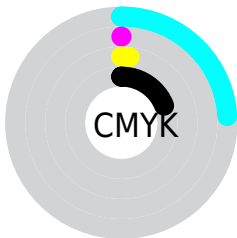
Distribution



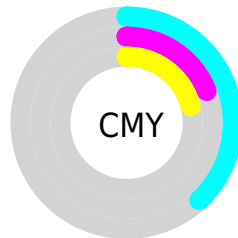
- Red (62%)
- Green (81%)
- Blue (79%)



- Red (62%)
- Yellow (72%)
- Blue (81%)



- Cyan (24%)
- Magenta (0%)
- Yellow (2%)
- Black (19%)





- Cyan (38%)
- Magenta (19%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.5278, 0.2810, 0.3354 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 55.5278, 0.2810, 0.3354 by changing the saturation by 10% instead.


 55.5278, 0.2810,
0.3354


 55.5278, 0.2810,
0.3354


407.9095, 0.2963,
0.3324

 39.8245, 0.2773,
0.3361


 98.3138, 0.2864,
0.3344

 27.4017, 0.2727,
0.3369


 126.1653, 0.2885,
0.3340

 17.8751, 0.2667,
0.3380


158.8350, 0.2903,
0.3336

 10.8604, 0.2587,
0.3394

196.7072, 0.2918,
0.3333

 5.9730, 0.2472,
0.3412

240.1663, 0.2932,
0.3331

 2.8287, 0.2295,
0.3438

289.5969, 0.2943,

 1.0430, 0.1917,

0.3328

0.3507

345.3831, 0.2954,
0.3326

0.0000, 0.0000,
0.0000

55.5278, 0.2810,
0.3354

55.5278, 0.2810,
0.3354

53.5303, 0.2693,
0.3385

57.8806, 0.2938,
0.3325

51.8638, 0.2589,
0.3417

60.5981, 0.3074,
0.3299

50.5114, 0.2502,
0.3451


63.6978, 0.3216,
0.3275

49.4523, 0.2433,
0.3486


67.1943, 0.3360,
0.3254

48.6629, 0.2383,
0.3521


70.1326, 0.3465,
0.3234


 48.1161, 0.2352,
0.3557


 70.2397, 0.3449,
0.3213

 47.7791, 0.2339,
0.3592

 70.3482, 0.3433,
0.3191

 47.6389, 0.2337,
0.3613

 70.4582, 0.3417,
0.3170

 70.5695, 0.3401,
0.3149

Harmonies

Analogous

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



55.5278, 0.2996, 0.3552



55.5278, 0.2810, 0.3354



55.5278, 0.2709, 0.3145

Triad

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



55.5278, 0.2810, 0.3354



55.5278, 0.3020, 0.2939



55.5278, 0.3556, 0.3579

Complementary

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



55.5278, 0.2810, 0.3354



39.8601, 0.3567, 0.3228

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.



55.5278, 0.3565, 0.3409



55.5278, 0.2810, 0.3354



55.5278, 0.3249, 0.3048

Square

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



55.5278, 0.2810, 0.3354



55.5278, 0.2826, 0.2915



55.5278, 0.3451, 0.3217



55.5278, 0.3428, 0.3680

Rectangle

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



55.5278, 0.2810, 0.3354



55.5278, 0.2700, 0.3031



55.5278, 0.3451, 0.3217



55.5278, 0.3573, 0.3528

Sweetspot

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



55.5301, 0.2810, 0.3354



96.6529, 0.3028, 0.3308



54.3382, 0.3139, 0.3947



20.6290, 0.3020, 0.3309



0.0000, 0.0000, 0.0000



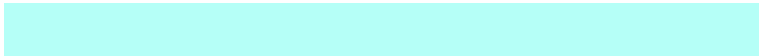
21.4041, 0.3127, 0.3290

Same Dimension

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



55.5301, 0.2810, 0.3354



88.0906, 0.2743, 0.3371



47.2672, 0.2759, 0.3042



12.7064, 0.2997, 0.3314



29.3432, 0.2336, 0.3608



1.5196, 0.2317, 0.3540

Inverse Universe

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



39.8601, 0.3567, 0.3228



57.9866, 0.3707, 0.3212



46.5326, 0.3563, 0.3526



11.2321, 0.3274, 0.3267



8.1205, 0.6269, 0.3227



0.4254, 0.5901, 0.3025

Previews

White Background



This preview shows how the Yxy color 55.5278, 0.2810, 0.3354 looks on a white background.

Color Contrast Check

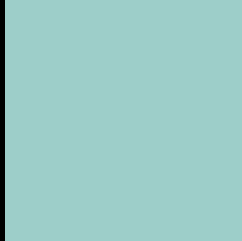
Large Text (above 18pt) WCAG AA × Fail

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 55.5278, 0.2810, 0.3354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

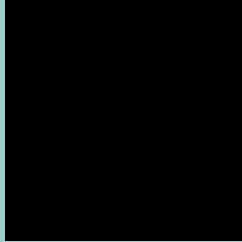
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

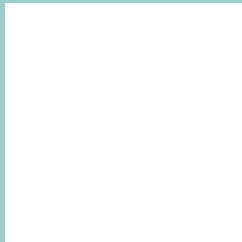
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.5278, 0.2810, 0.3354

Background



This preview shows how black text looks on a background with the Yxy color 55.5278, 0.2810, 0.3354.

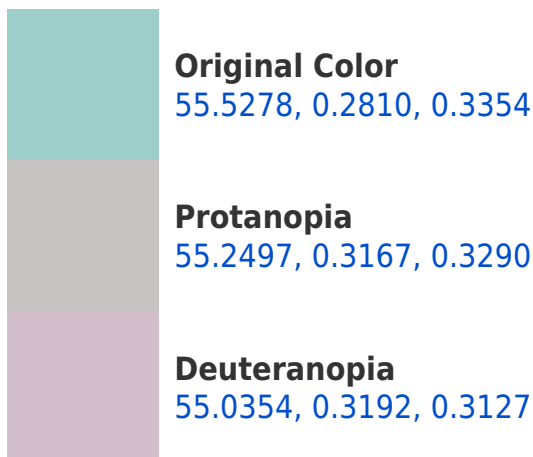


This preview shows how white text looks on a background with the Yxy color 55.5278, 0.2810, 0.3354.

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

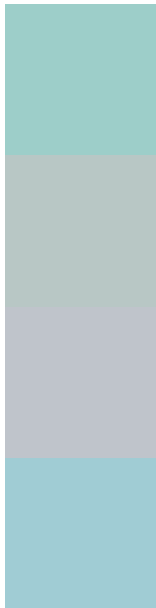




Tritanopia

55.4034, 0.2723, 0.3089

Trichromacy



Original Color

55.5278, 0.2810, 0.3354

Protanomaly

55.0684, 0.3026, 0.3315

Deuteranomaly

54.8680, 0.3037, 0.3204

Tritanomaly

55.4128, 0.2760, 0.3188

Monochromacy



Original Color

55.5278, 0.2810, 0.3354

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

53.0037, 0.3002, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5278, 0.2810, 0.3354 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(157, 206, 201)` looks like.

```
.text, #text, p{  
    color:rgb(157, 206, 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(157, 206, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 206, 201) }
```

Border

The CSS property to change the border of an element to Yxy 55.5278, 0.2810, 0.3354 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(157, 206, 201) }
```

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

```
.border{ border-color:rgb(157, 206, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 206, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 206, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 206, 201);  
box-shadow:4px 4px 4px 4px rgb(157, 206,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5278, 0.2810, 0.3354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 206, 201) }
```

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

```
.background{ background-color: rgb(157,  
206, 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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