

Converting Colors

$Yxy(55.9255, 0.2744, 0.3351)$

Have a look what the booklet for
Yxy(55.9255, 0.2744, 0.3351)
contains.

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Color

Yxy(55.8131, 0.2748, 0.3354)

Conversions

Conversions Part 1

Format	Color
Hex	95D0CB
RGB	149, 208, 203
RGB Percent	58%, 82%, 80%
CMY	0.4157, 0.1843, 0.2039
CMYK	0.28, 0.00, 0.02, 0.18
HSL	175°, 39%, 70%
HSV	175°, 28%, 82%
XYZ	45.7288, 55.8131, 64.8657
YIQ	189.7890, -33.5590, -14.0630

Conversions

Conversions Part 2

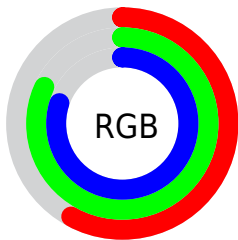
Format	Color
R_{YB}	149, 180, 208
Decimal	9818315
CIE _{Lab}	79.51, -19.88, -3.62
CIE _{LCh}	80, 20.206, 190.316
Yxy	55.8131, 0.2748, 0.3354
Android (android.graphics.Color)	4288008395 (0xFF95D0CB)
YUV	189.7890, 6.5130, -35.7720
Hunter-Lab	74.7082, -21.4796, 0.8169

Details

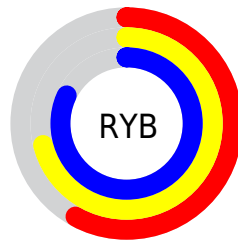
The Yxy color **55.8131, 0.2748, 0.3354** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.2359, 0.3693, 0.3228**, and the grayscale version is **51.3414, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7191, 0.2833, 0.3289**, and **27.4392, 0.2650, 0.3360** is the 20% darker color. If you saturate the color by 10%, you get **53.9471, 0.2635, 0.3380**, and if you desaturate by 10%, it is **58.0340, 0.2873, 0.3330**.

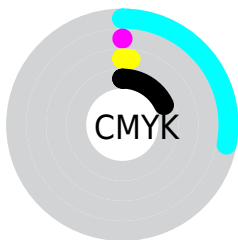
Distribution



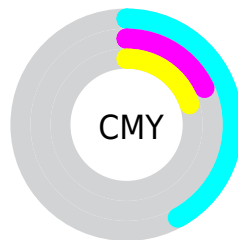
- Red (58%)
- Green (82%)
- Blue (80%)



- Red (58%)
- Yellow (71%)
- Blue (82%)



- Cyan (28%)
- Magenta (0%)
- Yellow (2%)
- Black (18%)





- Cyan (42%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.8131, 0.2748, 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 55.8131, 0.2748, 0.3354 by changing the saturation by 10% instead.


 55.8131, 0.2748,
0.3354


 55.8131, 0.2748,
0.3354


408.9868, 0.2930,
0.3325

 40.0531, 0.2705,
0.3360


 98.7313, 0.2813,
0.3344

 27.5799, 0.2650,
0.3368


 126.6582, 0.2837,
0.3340

 18.0093, 0.2579,
0.3378


159.4096, 0.2859,
0.3337

 10.9566, 0.2484,
0.3390

197.3698, 0.2877,
0.3334

 6.0377, 0.2349,
0.3406

240.9232, 0.2893,
0.3331

 2.8680, 0.2145,
0.3425

290.4542, 0.2907,

 1.0632, 0.1691,

0.3329

0.3491

346.3473, 0.2919,
0.3327

0.0000, 0.0000,
0.0000

55.8131, 0.2748,
0.3354

55.8131, 0.2748,
0.3354

53.9471, 0.2635,
0.3380

58.0340, 0.2873,
0.3330

52.4105, 0.2537,
0.3407

60.6202, 0.3009,
0.3307

51.1853, 0.2457,
0.3435

63.5900, 0.3151,
0.3287

50.2490, 0.2395,
0.3464

66.9587, 0.3297,
0.3268

49.5759, 0.2353,
0.3493

70.7404, 0.3444,
0.3252

■ 49.1360, 0.2329,
0.3522

■ 71.2080, 0.3446,
0.3234

■ 48.8834, 0.2321,
0.3550

■ 71.2983, 0.3433,
0.3216

■ 48.8490, 0.2321,
0.3555

■ 71.3896, 0.3420,
0.3199

■ 71.4818, 0.3407,
0.3181

Harmonies

Analogous

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



55.8131, 0.2962, 0.3592



55.8131, 0.2748, 0.3354



55.8131, 0.2635, 0.3108

Triad

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



55.8131, 0.2748, 0.3354



55.8131, 0.3010, 0.2884



55.8131, 0.3628, 0.3634

Complementary

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



55.8131, 0.2748, 0.3354



37.2359, 0.3693, 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.



55.8131, 0.3646, 0.3436



55.8131, 0.2748, 0.3354



55.8131, 0.3280, 0.3014

Square

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



55.8131, 0.2748, 0.3354



55.8131, 0.2781, 0.2850



55.8131, 0.3517, 0.3212



55.8131, 0.3472, 0.3751

Rectangle

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



55.8131, 0.2748, 0.3354



55.8131, 0.2629, 0.2978



55.8131, 0.3517, 0.3212



55.8131, 0.3651, 0.3574

Sweetspot

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



55.8154, 0.2748, 0.3354



95.7796, 0.2998, 0.3309



54.2421, 0.3132, 0.4096



20.3649, 0.2978, 0.3312



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.



55.8154, 0.2748, 0.3354



86.6337, 0.2678, 0.3369



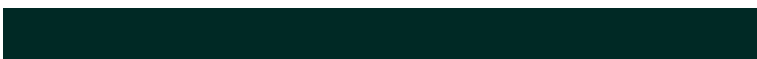
45.3906, 0.2686, 0.2973



13.3891, 0.2994, 0.3310



30.4507, 0.2320, 0.3551



1.7078, 0.2305, 0.3498

Inverse Universe

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



37.2359, 0.3693, 0.3228



52.4967, 0.3864, 0.3215



45.3133, 0.3665, 0.3586



11.8243, 0.3277, 0.3271



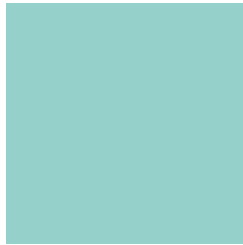
8.3902, 0.6298, 0.3243



0.4749, 0.6000, 0.3079

Previews

White Background



This preview shows how the Yxy color 55.8131, 0.2748, 0.3354 looks on a white background.

Color Contrast Check

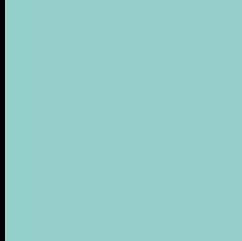
Large Text (above 18pt) WCAG AA × Fail

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 55.8131, 0.2748, 0.3354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

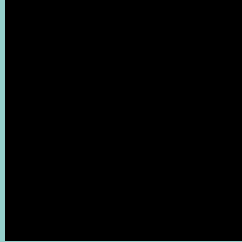
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

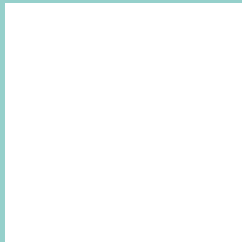
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.8131, 0.2748, 0.3354

Background



This preview shows how black text looks on a background with the Yxy color 55.8131, 0.2748, 0.3354.

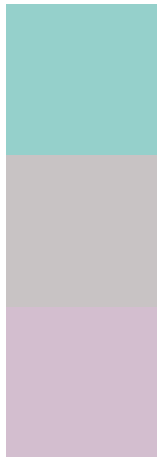


This preview shows how white text looks on a background with the Yxy color 55.8131, 0.2748, 0.3354.

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



Original Color

55.8131, 0.2748, 0.3354

Protanopia

55.2951, 0.3160, 0.3278

Deuteranopia

55.1808, 0.3169, 0.3093



Tritanopia

55.7089, 0.2658, 0.3075

Trichromacy



Original Color

55.8131, 0.2748, 0.3354

Protanomaly

55.2558, 0.2989, 0.3302

Deuteranomaly

55.0801, 0.2993, 0.3180

Tritanomaly

55.7243, 0.2693, 0.3174

Monochromacy



Original Color

55.8131, 0.2748, 0.3354

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.9866, 0.2972, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8131, 0.2748, 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(149, 208, 203)` looks like.

```
.text, #text, p{  
    color:rgb(149, 208, 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(149, 208, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 208, 203) }
```

Border

The CSS property to change the border of an element to Yxy 55.8131, 0.2748, 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(149, 208, 203) }
```

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

```
.border{ border-color:rgb(149, 208, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 208, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 208, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 208, 203);  
box-shadow:4px 4px 4px 4px rgb(149, 208,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8131, 0.2748, 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(149, 208, 203) }
```

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

```
.background{ background-color: rgb(149,  
208, 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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