

Converting Colors

$Yxy(54.9284, 0.2933, 0.3512)$

Have a look what the booklet for
Yxy(54.9284, 0.2933, 0.3512)
contains.

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Color

Yxy(55.0800, 0.2933, 0.3511)

Conversions

Conversions Part 1

Format	Color
Hex	A3CDBC
RGB	163, 205, 188
RGB Percent	64%, 80%, 74%
CMY	0.3608, 0.1961, 0.2627
CMYK	0.20, 0.00, 0.08, 0.20
HSL	156°, 30%, 72%
HSV	156°, 20%, 80%
XYZ	46.0124, 55.0800, 55.7860
YIQ	190.5040, -19.5750, -14.1910

Conversions

Conversions Part 2

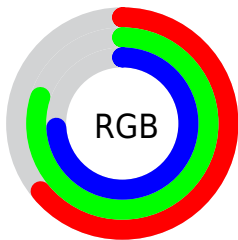
Format	Color
RYB	163, 189, 205
Decimal	10735036
CIELab	79.09, -17.26, 3.91
CIELCh	79, 17.697, 167.244
Yxy	55.0800, 0.2933, 0.3511
Android (android.graphics.Color)	4288925116 (0xFFA3CDBC)
YUV	190.5040, -1.2345, -24.1210
Hunter-Lab	74.2159, -19.2113, 7.3845

Details

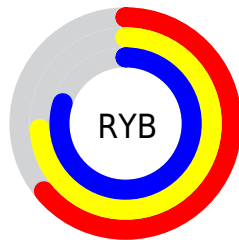
The Yxy color **55.0800, 0.2933, 0.3511** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.4684, 0.3373, 0.3080**, and the grayscale version is **51.8150, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.9571, 0.2965, 0.3402**, and **27.2620, 0.2883, 0.3574** is the 20% darker color. If you saturate the color by 10%, you get **52.7433, 0.2846, 0.3636**, and if you desaturate by 10%, it is **57.7927, 0.3026, 0.3397**.

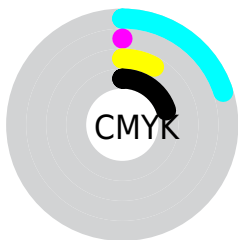
Distribution



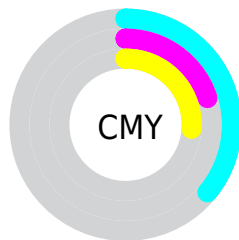
- Red (64%)
- Green (80%)
- Blue (74%)



- Red (64%)
- Yellow (74%)
- Blue (80%)



- Cyan (20%)
- Magenta (0%)
- Yellow (8%)
- Black (20%)




- Cyan (36%)
- Magenta (20%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.0800, 0.2933, 0.3511 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 55.0800, 0.2933, 0.3511 by changing the saturation by 10% instead.


 55.0800, 0.2933,
0.3511


 55.0800, 0.2933,
0.3511


406.2151, 0.3028,
0.3402

 39.4658, 0.2910,
0.3538


 97.6582, 0.2967,
0.3472

 27.1223, 0.2880,
0.3572


 125.3909, 0.2980,
0.3457

 17.6651, 0.2842,
0.3617


157.9319, 0.2991,
0.3444

 10.7098, 0.2789,
0.3679

195.6656, 0.3001,
0.3433

 5.8720, 0.2712,
0.3771

238.9764, 0.3009,
0.3424

 2.7674, 0.2589,
0.3919

288.2486, 0.3016,

 1.0116, 0.2258,

0.3416

0.4271

343.8667, 0.3022,
0.3409

0.0000, 0.0000,
0.0000

55.0800, 0.2933,
0.3511

55.0800, 0.2933,
0.3511

52.7433, 0.2846,
0.3636

57.7927, 0.3026,
0.3397

50.7584, 0.2768,
0.3772

60.8904, 0.3122,
0.3295

49.1090, 0.2702,
0.3917

64.3907, 0.3220,
0.3203

47.7747, 0.2651,
0.4069

68.3078, 0.3317,
0.3122

46.7329, 0.2618,
0.4226

70.6092, 0.3332,
0.3044

■ 45.9576, 0.2605,
0.4384

■ 71.0851, 0.3272,
0.2964

■ 45.4184, 0.2613,
0.4540

■ 71.5834, 0.3212,
0.2884

■ 45.0712, 0.2635,
0.4685

■ 72.1045, 0.3154,
0.2807

■ 72.1449, 0.3150,
0.2801

Harmonies

Analogous

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



55.0800, 0.3161, 0.3664



55.0800, 0.2933, 0.3511



55.0800, 0.2761, 0.3296

Triad

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



55.0800, 0.2933, 0.3511



55.0800, 0.2863, 0.2899



55.0800, 0.3591, 0.3464

Complementary

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



55.0800, 0.2933, 0.3511



42.4684, 0.3373, 0.3080

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.



55.0800, 0.3506, 0.3267



55.0800, 0.2933, 0.3511



55.0800, 0.3079, 0.2950

Square

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



55.0800, 0.2933, 0.3511



55.0800, 0.2721, 0.2947



55.0800, 0.3316, 0.3082



55.0800, 0.3546, 0.3626

Rectangle

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



55.0800, 0.2933, 0.3511



55.0800, 0.2698, 0.3152



55.0800, 0.3316, 0.3082



55.0800, 0.3577, 0.3400

Sweetspot

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



55.0823, 0.2933, 0.3511



96.8204, 0.3068, 0.3351



56.0727, 0.3236, 0.3829



20.6526, 0.3062, 0.3357



0.0000, 0.0000, 0.0000



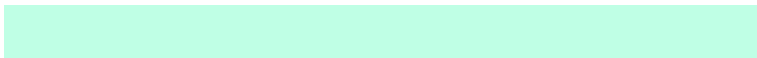
21.4041, 0.3127, 0.3290

Same Dimension

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



55.0823, 0.2933, 0.3511



88.2973, 0.2890, 0.3570



54.2030, 0.2821, 0.3244



12.6472, 0.3036, 0.3385



28.0763, 0.2629, 0.4663



1.4632, 0.2546, 0.4364

Inverse Universe

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



42.4684, 0.3373, 0.3080



63.6429, 0.3446, 0.3027



43.0780, 0.3524, 0.3335



11.2877, 0.3228, 0.3197



8.4861, 0.5340, 0.2715



0.4527, 0.4827, 0.2433

Previews

White Background



This preview shows how the Yxy color 55.0800, 0.2933, 0.3511 looks on a white background.

Color Contrast Check

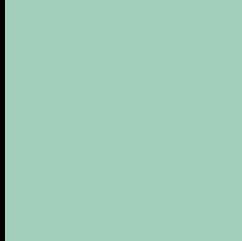
Large Text (above 18pt) WCAG AA × Fail

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 55.0800, 0.2933, 0.3511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

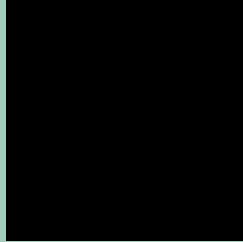
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

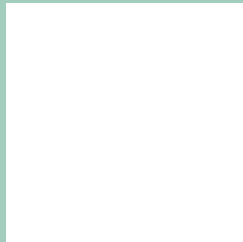
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.0800, 0.2933, 0.3511

Background



This preview shows how black text looks on a background with the Yxy color 55.0800, 0.2933, 0.3511.



This preview shows how white text looks on a background with the Yxy color 55.0800, 0.2933, 0.3511.

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

55.0800, 0.2933, 0.3511

Protanopia

54.9642, 0.3282, 0.3448

Deuteranopia

54.7557, 0.3337, 0.3267



Tritanopia

55.1079, 0.2779, 0.3090

Trichromacy



Original Color

55.0800, 0.2933, 0.3511

Protanomaly

54.9989, 0.3150, 0.3478

Deuteranomaly

54.6182, 0.3180, 0.3351

Tritanomaly

54.8043, 0.2836, 0.3238

Monochromacy



Original Color

55.0800, 0.2933, 0.3511

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

53.0213, 0.3053, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0800, 0.2933, 0.3511 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(163, 205, 188)` looks like.

```
.text, #text, p{  
    color:rgb(163, 205, 188)  
}
```

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(163, 205, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 205, 188) }
```

Border

The CSS property to change the border of an element to Yxy 55.0800, 0.2933, 0.3511 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(163, 205, 188) }
```

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

```
.border{ border-color:rgb(163, 205, 188) }
```

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

Here you see how a box with a 4 pixel rgb(163, 205, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 205, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 205, 188);  
box-shadow:4px 4px 4px 4px rgb(163, 205,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0800, 0.2933, 0.3511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 205, 188) }
```

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

```
.background{ background-color: rgb(163,  
205, 188) }
```

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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