

Converting Colors

Yxy(54.9336, 0.2698, 0.3312)

Have a look what the booklet for
Yxy(54.9336, 0.2698, 0.3312)
contains.

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Color

Yxy(54.8731, 0.2698, 0.3315)

Conversions

Conversions Part 1

Format	Color
Hex	8FCFCD
RGB	143, 207, 205
RGB Percent	56%, 81%, 80%
CMY	0.4392, 0.1882, 0.1961
CMYK	0.31, 0.00, 0.01, 0.19
HSL	178°, 40%, 69%
HSV	178°, 31%, 81%
XYZ	44.6599, 54.8731, 65.9967
YIQ	187.6360, -37.5020, -14.1900

Conversions

Conversions Part 2

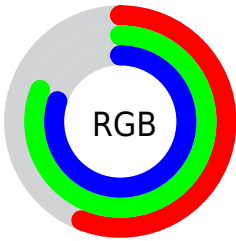
Format	Color
RYB	143, 176, 207
Decimal	9424845
CIELab	78.97, -20.63, -5.52
CIELCh	79, 21.357, 194.980
Yxy	54.8731, 0.2698, 0.3315
Android (android.graphics.Color)	4287614925 (0xFF8FCFCD)
YUV	187.6360, 8.5605, -39.1458
Hunter-Lab	74.0764, -22.0178, -0.9696

Details

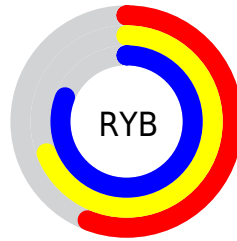
The Yxy color **54.8731, 0.2698, 0.3315** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.9555, 0.3800, 0.3266**, and the grayscale version is **50.0399, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8821, 0.2800, 0.3289**, and **26.8147, 0.2581, 0.3306** is the 20% darker color. If you saturate the color by 10%, you get **53.1639, 0.2584, 0.3324**, and if you desaturate by 10%, it is **56.9277, 0.2826, 0.3306**.

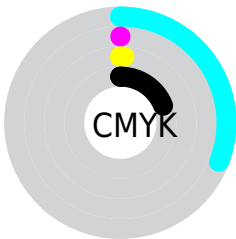
Distribution



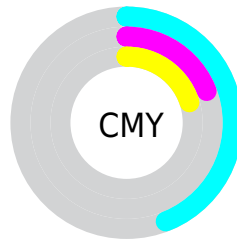
- Red (56%)
- Green (81%)
- Blue (80%)



- Red (56%)
- Yellow (69%)
- Blue (81%)



- Cyan (31%)
- Magenta (0%)
- Yellow (1%)
- Black (19%)





- Cyan (44%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.8731, 0.2698, 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 54.8731, 0.2698, 0.3315 by changing the saturation by 10% instead.


 54.8731, 0.2698,
0.3315

 54.8731, 0.2698,
0.3315


405.4307, 0.2904,
0.3306

 39.3001, 0.2649,
0.3316


 97.3550, 0.2771,
0.3312

 26.9933, 0.2587,
0.3318

 125.0327, 0.2799,
0.3311

 17.5682, 0.2507,
0.3319


157.5142, 0.2823,
0.3310

 10.6404, 0.2400,
0.3318

195.1837, 0.2844,
0.3309

 5.8256, 0.2248,
0.3315

238.4257, 0.2862,
0.3308

 2.7393, 0.2019,
0.3303

287.6246, 0.2878,

 0.9972, 0.1468,

0.3307

343.1648, 0.2892,
0.3307

0.3328

0.0000, 0.0000,
0.0000

54.8731, 0.2698,
0.3315

54.8731, 0.2698,
0.3315

53.1639, 0.2584,
0.3324

56.9277, 0.2826,
0.3306

51.7748, 0.2486,
0.3334

59.3384, 0.2965,
0.3298

50.6873, 0.2407,
0.3344


62.1236, 0.3113,
0.3291

49.8785, 0.2347,
0.3354


65.2985, 0.3266,
0.3284


49.3221, 0.2306,
0.3364

68.8774, 0.3422,
0.3278


 48.9868, 0.2283,
0.3375

 70.4854, 0.3484,
0.3272

 48.8228, 0.2273,
0.3384

 70.5175, 0.3479,
0.3265

 70.5498, 0.3474,
0.3259

 70.5821, 0.3469,
0.3252

Harmonies

Analogous

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



54.8731, 0.2911, 0.3577



54.8731, 0.2698, 0.3315



54.8731, 0.2598, 0.3060

Triad

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



54.8731, 0.2698, 0.3315



54.8731, 0.3046, 0.2875



54.8731, 0.3643, 0.3681

Complementary

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



54.8731, 0.2698, 0.3315



34.9555, 0.3800, 0.3266

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.



54.8731, 0.3687, 0.3479



54.8731, 0.2698, 0.3315



54.8731, 0.3333, 0.3026

Square

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



54.8731, 0.2698, 0.3315



54.8731, 0.2792, 0.2822



54.8731, 0.3572, 0.3243



54.8731, 0.3457, 0.3789

Rectangle

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



54.8731, 0.2698, 0.3315



54.8731, 0.2606, 0.2931



54.8731, 0.3572, 0.3243



54.8731, 0.3675, 0.3621

Sweetspot

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



54.8753, 0.2698, 0.3315



95.8581, 0.2992, 0.3297



52.6428, 0.3100, 0.4188



20.3844, 0.2970, 0.3298



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.



54.8753, 0.2698, 0.3315



86.0923, 0.2622, 0.3321



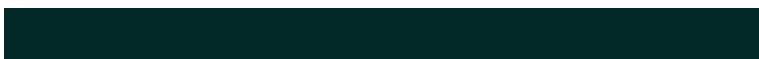
41.8429, 0.2639, 0.2880



13.4004, 0.2987, 0.3297



30.7619, 0.2273, 0.3382



1.7221, 0.2268, 0.3364

Inverse Universe

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



34.9555, 0.3800, 0.3266



49.2934, 0.4009, 0.3262



45.0861, 0.3709, 0.3666



11.8141, 0.3286, 0.3283



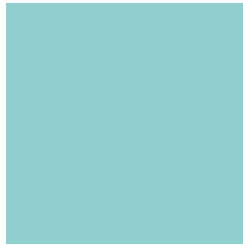
8.3693, 0.6364, 0.3279



0.4701, 0.6245, 0.3214

Previews

White Background



This preview shows how the Yxy color 54.8731, 0.2698, 0.3315 looks on a white background.

Color Contrast Check

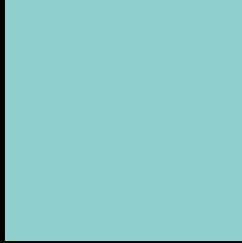
Large Text (above 18pt) WCAG AA × Fail

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 54.8731, 0.2698, 0.3315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

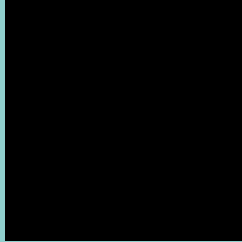
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

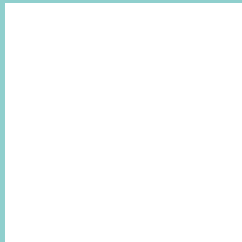
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.8731, 0.2698, 0.3315

Background



This preview shows how black text looks on a background with the Yxy color 54.8731, 0.2698, 0.3315.

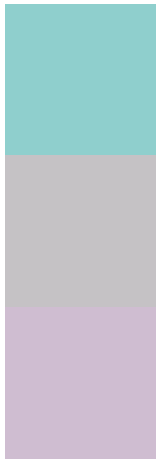


This preview shows how white text looks on a background with the Yxy color 54.8731, 0.2698, 0.3315.

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

54.8731, 0.2698, 0.3315

Protanopia

54.4851, 0.3129, 0.3254

Deuteranopia

54.2640, 0.3122, 0.3056



Tritanopia

55.0861, 0.2627, 0.3085

Trichromacy



Original Color

54.8731, 0.2698, 0.3315

Protanomaly

54.3641, 0.2952, 0.3277

Deuteranomaly

54.2243, 0.2949, 0.3142

Tritanomaly

55.1599, 0.2657, 0.3173

Monochromacy



Original Color

54.8731, 0.2698, 0.3315

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.6959, 0.2956, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8731, 0.2698, 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(143, 207, 205)` looks like.

```
.text, #text, p{  
    color:rgb(143, 207, 205)  
}
```

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(143, 207, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 207, 205) }
```

Border

The CSS property to change the border of an element to Yxy 54.8731, 0.2698, 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(143, 207, 205) }
```

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

```
.border{ border-color:rgb(143, 207, 205) }
```

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

Here you see how a box with a 4 pixel rgb(143, 207, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 207, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 207, 205);  
box-shadow:4px 4px 4px 4px rgb(143, 207,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8731, 0.2698, 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(143, 207, 205) }
```

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

```
.background{ background-color: rgb(143,  
207, 205) }
```

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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