

Converting Colors

$Yxy(43.7353, 0.2730, 0.3473)$

Have a look what the booklet for
Yxy(43.7353, 0.2730, 0.3473)
contains.

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Color

Yxy(43.8898, 0.2735, 0.3480)

Conversions

Conversions Part 1

Format	Color
Hex	7DBDB0
RGB	125, 189, 176
RGB Percent	49%, 74%, 69%
CMY	0.5098, 0.2588, 0.3097
CMYK	0.34, 0.00, 0.07, 0.26
HSL	168°, 33%, 62%
HSV	168°, 34%, 74%
XYZ	34.4939, 43.8898, 47.7365
YIQ	168.3820, -33.9710, -17.6110

Conversions

Conversions Part 2

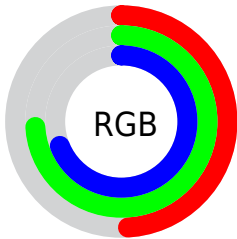
Format	Color
RYB	125, 161, 189
Decimal	8240560
CIELab	72.15, -23.33, 0.06
CIELCh	72, 23.331, 179.864
Yxy	43.8898, 0.2735, 0.3480
Android (android.graphics.Color)	4286430640 (0xFF7DBDB0)
YUV	168.3820, 3.7557, -38.0460
Hunter-Lab	66.2494, -22.9974, 3.6527

Details

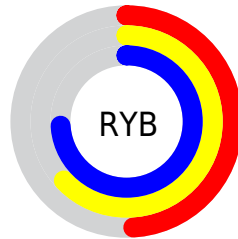
The Yxy color **43.8898, 0.2735, 0.3480** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **27.3239, 0.3748, 0.3112**, and the grayscale version is **39.3515, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.8343, 0.2806, 0.3435**, and **20.1609, 0.2613, 0.3518** is the 20% darker color. If you saturate the color by 10%, you get **42.4520, 0.2641, 0.3546**, and if you desaturate by 10%, it is **45.6060, 0.2841, 0.3418**.

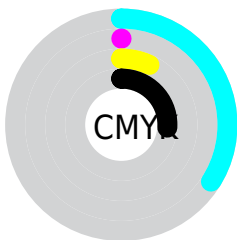
Distribution



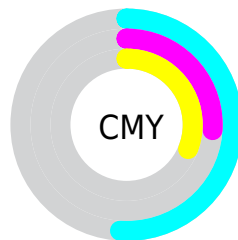
- Red (49%)
- Green (74%)
- Blue (69%)



- Red (49%)
- Yellow (63%)
- Blue (74%)



- Cyan (34%)
- Magenta (0%)
- Yellow (7%)
- Black (26%)





- Cyan (51%)
- Magenta (26%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8898, 0.2735, 0.3480 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 43.8898, 0.2735, 0.3480 by changing the saturation by 10% instead.


 43.8898, 0.2735,
0.3480

 43.8898, 0.2735,
0.3480


362.2584, 0.2932,
0.3384


 30.5839, 0.2685,
0.3504


 81.0519, 0.2807,
0.3445

 20.2822, 0.2621,
0.3535


 105.6769, 0.2834,
0.3432

 12.6003, 0.2536,
0.3576


 134.8436, 0.2857,
0.3421

 7.1539, 0.2416,
0.3635

168.9366, 0.2876,
0.3412

 3.5585, 0.2236,
0.3722

208.3402, 0.2893,
0.3403

 1.4298, 0.1922,
0.3874

253.4387, 0.2908,

 0.2385, 0.0000,

0.3396

0.4825

304.6167, 0.2921,
0.3390

0.0000, 0.0000,
0.0000

43.8898, 0.2735,
0.3480

43.8898, 0.2735,
0.3480

42.4520, 0.2641,
0.3546

45.6060, 0.2841,
0.3418

41.2720, 0.2562,
0.3615

47.6097, 0.2957,
0.3361

40.3346, 0.2500,
0.3687


49.9157, 0.3079,
0.3309


39.6206, 0.2457,
0.3760


52.5365, 0.3205,
0.3262


39.1082, 0.2433,
0.3834

55.4838, 0.3333,
0.3219


 38.7711, 0.2428,
0.3908

 58.7687, 0.3460,
0.3182

 38.6186, 0.2431,
0.3952

 61.9606, 0.3566,
0.3148

 62.1455, 0.3535,
0.3109

 62.3350, 0.3503,
0.3070

Harmonies

Analogous

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



43.8898, 0.3030, 0.3755



43.8898, 0.2735, 0.3480



43.8898, 0.2549, 0.3160

Triad

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



43.8898, 0.2735, 0.3480



43.8898, 0.2870, 0.2759



43.8898, 0.3784, 0.3635

Complementary

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



43.8898, 0.2735, 0.3480



27.3239, 0.3748, 0.3112

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.



43.8898, 0.3741, 0.3369



43.8898, 0.2735, 0.3480



43.8898, 0.3199, 0.2881

Square

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



43.8898, 0.2735, 0.3480



43.8898, 0.2624, 0.2762



43.8898, 0.3522, 0.3099



43.8898, 0.3641, 0.3829

Rectangle

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



43.8898, 0.2735, 0.3480



43.8898, 0.2505, 0.2975



43.8898, 0.3522, 0.3099



43.8898, 0.3791, 0.3550

Sweetspot

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



43.8916, 0.2735, 0.3480



86.7309, 0.3001, 0.3341



43.3547, 0.3191, 0.4253



18.5296, 0.2984, 0.3349



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



43.8916, 0.2735, 0.3480



76.5577, 0.2661, 0.3531



37.1118, 0.2618, 0.3020



10.7755, 0.3011, 0.3337



25.9948, 0.2429, 0.3943



1.0268, 0.2380, 0.3768

Inverse Universe

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



27.3239, 0.3748, 0.3112



42.1633, 0.3961, 0.3070



31.9874, 0.3825, 0.3543



9.5672, 0.3257, 0.3244



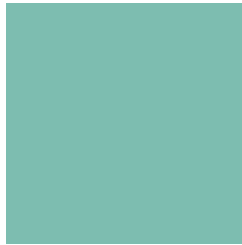
7.3839, 0.6042, 0.3102



0.2987, 0.5382, 0.2739

Previews

White Background



This preview shows how the Yxy color 43.8898, 0.2735, 0.3480 looks on a white background.

Color Contrast Check

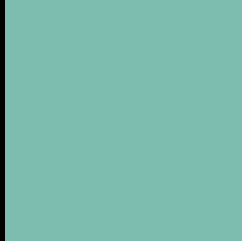
Large Text (above 18pt) WCAG AA × Fail

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 43.8898, 0.2735, 0.3480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

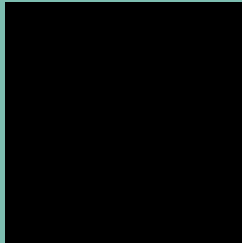
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.8898, 0.2735, 0.3480

Background



This preview shows how black text looks on a background with the Yxy color 43.8898, 0.2735, 0.3480.

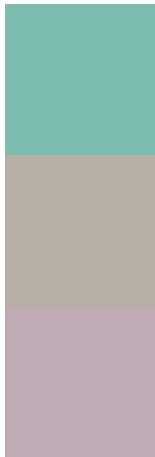


This preview shows how white text looks on a background with the Yxy color 43.8898, 0.2735, 0.3480.

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

43.8898, 0.2735, 0.3480

Protanopia

43.3109, 0.3239, 0.3384

Deuteranopia

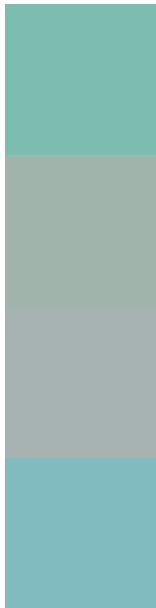
43.4975, 0.3232, 0.3174



Tritanopia

43.6933, 0.2616, 0.3078

Trichromacy



Original Color

43.8898, 0.2735, 0.3480

Protanomaly

43.1599, 0.3036, 0.3415

Deuteranomaly

43.3110, 0.3025, 0.3276

Tritanomaly

43.5465, 0.2661, 0.3217

Monochromacy



Original Color

43.8898, 0.2735, 0.3480

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

40.6663, 0.2961, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8898, 0.2735, 0.3480 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(125, 189, 176)` looks like.

```
.text, #text, p{  
    color:rgb(125, 189, 176)  
}
```

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(125, 189, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 189, 176) }
```

Border

The CSS property to change the border of an element to Yxy 43.8898, 0.2735, 0.3480 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(125, 189, 176) }
```

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

```
.border{ border-color:rgb(125, 189, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 189, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 189, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 189, 176);  
box-shadow:4px 4px 4px 4px rgb(125, 189,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8898, 0.2735, 0.3480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 189, 176) }
```

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

```
.background{ background-color: rgb(125,  
189, 176) }
```

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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