

Converting Colors

$Yxy(43.5886, 0.2629, 0.3254)$

Have a look what the booklet for
Yxy(43.5886, 0.2629, 0.3254)
contains.

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Color

Yxy(43.3959, 0.2624, 0.3245)

Conversions

Conversions Part 1

Format	Color
Hex	7ABBBE
RGB	122, 187, 190
RGB Percent	48%, 73%, 75%
CMY	0.5216, 0.2667, 0.2549
CMYK	0.36, 0.02, 0.00, 0.25
HSL	183°, 34%, 61%
HSV	183°, 36%, 75%
XYZ	35.0912, 43.3959, 55.2445
YIQ	167.9070, -39.7030, -12.8470

Conversions

Conversions Part 2

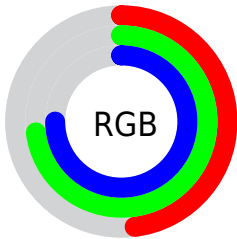
Format	Color
RYB	122, 155, 190
Decimal	8043454
CIELab	71.82, -19.85, -8.10
CIELCh	72, 21.442, 202.190
Yxy	43.3959, 0.2624, 0.3245
Android (android.graphics.Color)	4286233534 (0xFF7ABBBE)
YUV	167.9070, 10.8918, -40.2604
Hunter-Lab	65.8756, -20.1973, -3.6088

Details

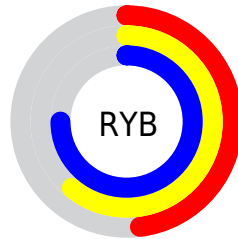
The Yxy color **43.3959, 0.2624, 0.3245** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **27.0223, 0.3959, 0.3334**, and the grayscale version is **39.0714, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1021, 0.2716, 0.3256**, and **20.0853, 0.2478, 0.3227** is the 20% darker color. If you saturate the color by 10%, you get **41.7885, 0.2511, 0.3231**, and if you desaturate by 10%, it is **45.2800, 0.2751, 0.3259**.

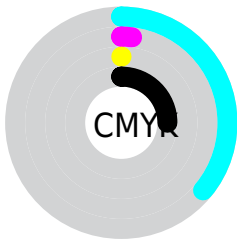
Distribution



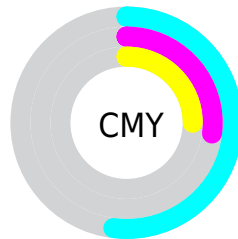
- Red (48%)
- Green (73%)
- Blue (75%)



- Red (48%)
- Yellow (61%)
- Blue (75%)



- Cyan (36%)
- Magenta (2%)
- Yellow (0%)
- Black (25%)





- Cyan (52%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3959, 0.2624, 0.3245 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 43.3959, 0.2624, 0.3245 by changing the saturation by 10% instead.

 43.3959, 0.2624,
0.3245


 43.3959, 0.2624,
0.3245

360.2374, 0.2875,
0.3272


 30.1959, 0.2562,
0.3237


 80.3079, 0.2715,
0.3256

 19.9873, 0.2482,
0.3225


 104.7888, 0.2749,
0.3260

 12.3858, 0.2377,
0.3208

 133.7986, 0.2778,
0.3263

 7.0070, 0.2231,
0.3181

167.7219, 0.2803,
0.3266

 3.4665, 0.2018,
0.3134

206.9430, 0.2824,
0.3268

 1.3798, 0.1673,
0.3041

251.8464, 0.2843,

 0.2018, 0.0000,

0.3269

0.2043

302.8164, 0.2860,
0.3271

0.0000, 0.0000,
0.0000

43.3959, 0.2624,
0.3245

43.3959, 0.2624,
0.3245

41.7885, 0.2511,
0.3231

45.2800, 0.2751,
0.3259

40.4367, 0.2415,
0.3216

47.4502, 0.2890,
0.3272

39.3248, 0.2338,
0.3201

49.9217, 0.3038,
0.3284

38.4330, 0.2279,
0.3187

52.7073, 0.3193,
0.3295

37.7384, 0.2239,
0.3172

55.8190, 0.3350,
0.3305

■ 37.2123, 0.2216,
0.3158

■ 59.2679, 0.3508,
0.3314

■ 37.0161, 0.2209,
0.3151

■ 63.0633, 0.3665,
0.3321

■ 63.4351, 0.3662,
0.3330

■ 63.8090, 0.3660,
0.3339

Harmonies

Analogous

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



43.3959, 0.2828, 0.3538



43.3959, 0.2624, 0.3245



43.3959, 0.2551, 0.2984

Triad

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



43.3959, 0.2624, 0.3245



43.3959, 0.3113, 0.2872



43.3959, 0.3650, 0.3753

Complementary

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



43.3959, 0.2624, 0.3245



27.0223, 0.3959, 0.3334

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.



43.3959, 0.3740, 0.3552



43.3959, 0.2624, 0.3245



43.3959, 0.3421, 0.3056

Square

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



43.3959, 0.2624, 0.3245



43.3959, 0.2822, 0.2787



43.3959, 0.3655, 0.3299



43.3959, 0.3419, 0.3839

Rectangle

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



43.3959, 0.2624, 0.3245



43.3959, 0.2582, 0.2863



43.3959, 0.3655, 0.3299



43.3959, 0.3698, 0.3696

Sweetspot

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



43.3976, 0.2624, 0.3245



87.9766, 0.2958, 0.3277



42.4294, 0.3062, 0.4317



19.1857, 0.2938, 0.3276



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



43.3976, 0.2624, 0.3245



76.2924, 0.2534, 0.3234



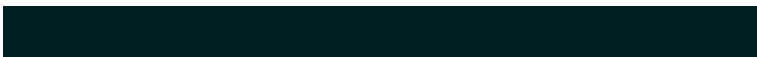
30.8808, 0.2555, 0.2736



10.7353, 0.2985, 0.3279



24.6432, 0.2209, 0.3153



0.9878, 0.2219, 0.3188

Inverse Universe

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



28.4560, 0.3199, 0.2449



45.3346, 0.3217, 0.2274



36.8997, 0.3797, 0.3784



9.6888, 0.3144, 0.3074



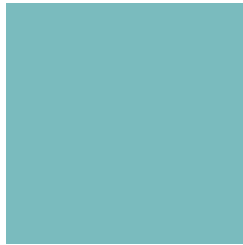
9.5174, 0.3321, 0.1603



0.3751, 0.3292, 0.1587

Previews

White Background



This preview shows how the Yxy color 43.3959, 0.2624, 0.3245 looks on a white background.

Color Contrast Check

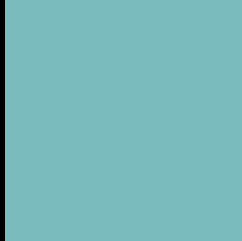
Large Text (above 18pt) WCAG AA × Fail

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 43.3959, 0.2624, 0.3245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

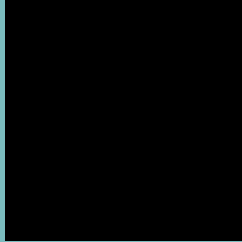
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

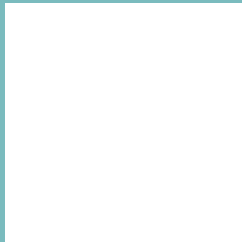
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.3959, 0.2624, 0.3245

Background



This preview shows how black text looks on a background with the Yxy color 43.3959, 0.2624, 0.3245.

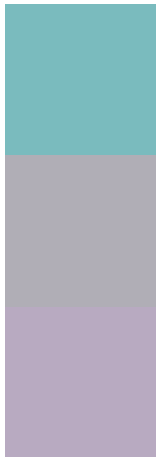


This preview shows how white text looks on a background with the Yxy color 43.3959, 0.2624, 0.3245.

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

43.3959, 0.2624, 0.3245

Protanopia

42.8796, 0.3080, 0.3183

Deuteranopia

42.7901, 0.3061, 0.2993



Tritanopia

43.2280, 0.2578, 0.3076

Trichromacy



Original Color

43.3959, 0.2624, 0.3245

Protanomaly

42.8109, 0.2890, 0.3206

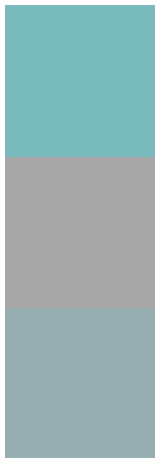
Deuteranomaly

42.4335, 0.2877, 0.3072

Tritanomaly

43.3884, 0.2598, 0.3146

Monochromacy



Original Color

43.3959, 0.2624, 0.3245

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

40.3738, 0.2915, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3959, 0.2624, 0.3245 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(122, 187, 190)` looks like.

```
.text, #text, p{  
    color:rgb(122, 187, 190)  
}
```

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(122, 187, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 187, 190) }
```

Border

The CSS property to change the border of an element to Yxy 43.3959, 0.2624, 0.3245 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(122, 187, 190) }
```

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

```
.border{ border-color:rgb(122, 187, 190) }
```

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

Here you see how a box with a 4 pixel rgb(122, 187, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 187, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 187, 190);  
box-shadow:4px 4px 4px 4px rgb(122, 187,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3959, 0.2624, 0.3245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 187, 190) }
```

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

```
.background{ background-color: rgb(122,  
187, 190) }
```

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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