

Converting Colors

$Y_{xy}(43.4759, 0.2857, 0.3339)$

Have a look what the booklet for
Yxy(43.4759, 0.2857, 0.3339)
contains.

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Color

Yxy(43.3653, 0.2858, 0.3332)

Conversions

Conversions Part 1

Format	Color
Hex	93B7B4
RGB	147, 183, 180
RGB Percent	58%, 72%, 71%
CMY	0.4237, 0.2823, 0.2941
CMYK	0.20, 0.00, 0.02, 0.28
HSL	175°, 20%, 65%
HSV	175°, 20%, 72%
XYZ	37.1963, 43.3653, 49.5864
YIQ	171.8940, -20.4930, -8.5650

Conversions

Conversions Part 2

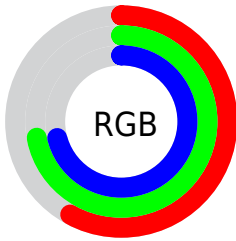
Format	Color
RYB	147, 166, 183
Decimal	9680820
CIELab	71.80, -12.73, -2.49
CIELCh	72, 12.972, 191.069
Yxy	43.3653, 0.2858, 0.3332
Android (android.graphics.Color)	4287870900 (0xFF93B7B4)
YUV	171.8940, 3.9963, -21.8320
Hunter-Lab	65.8523, -14.4170, 1.4517

Details

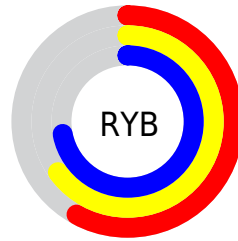
The Yxy color **43.3653, 0.2858, 0.3332** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.1208, 0.3478, 0.3249**, and the grayscale version is **41.1815, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.3457, 0.2909, 0.3322**, and **19.9844, 0.2788, 0.3349** is the 20% darker color. If you saturate the color by 10%, you get **41.7462, 0.2735, 0.3356**, and if you desaturate by 10%, it is **45.2578, 0.2991, 0.3310**.

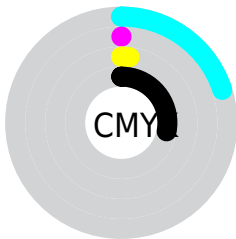
Distribution



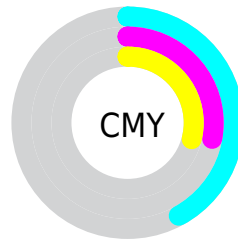
- Red (58%)
- Green (72%)
- Blue (71%)



- Red (58%)
- Yellow (65%)
- Blue (72%)



- Cyan (20%)
- Magenta (0%)
- Yellow (2%)
- Black (28%)





- Cyan (42%)
- Magenta (28%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3653, 0.2858, 0.3332 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 43.3653, 0.2858, 0.3332 by changing the saturation by 10% instead.


 43.3653, 0.2858,
0.3332


 43.3653, 0.2858,
0.3332

360.1119, 0.2994,
0.3312

 30.1718, 0.2824,
0.3337


 80.2618, 0.2907,
0.3325

 19.9691, 0.2780,
0.3343


 104.7337, 0.2926,
0.3322

 12.3726, 0.2721,
0.3351


133.7338, 0.2942,
0.3320

 6.9979, 0.2638,
0.3361

167.6465, 0.2955,
0.3318

 3.4608, 0.2513,
0.3375

206.8563, 0.2967,
0.3316

 1.3768, 0.2303,
0.3394

251.7476, 0.2977,

 0.1995, 0.0000,

0.3314

0.3377

302.7046, 0.2986,
0.3313

0.0000, 0.0000,
0.0000

43.3653, 0.2858,
0.3332

43.3653, 0.2858,
0.3332

41.7462, 0.2735,
0.3356

45.2578, 0.2991,
0.3310

40.3824, 0.2624,
0.3382

47.4302, 0.3131,
0.3289

39.2621, 0.2529,
0.3408

49.8954, 0.3276,
0.3271

38.3701, 0.2451,
0.3436

52.6641, 0.3422,
0.3255

37.6898, 0.2391,
0.3464

55.7461, 0.3568,
0.3240

■ 37.2022, 0.2350,
0.3492

■ 58.8166, 0.3697,
0.3227

■ 36.8852, 0.2328,
0.3521

■ 58.8837, 0.3684,
0.3211

■ 36.6944, 0.2319,
0.3548

■ 58.9514, 0.3670,
0.3195

■ 36.6893, 0.2319,
0.3549

■ 59.0199, 0.3657,
0.3179

Harmonies

Analogous

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



43.3653, 0.3009, 0.3495



43.3653, 0.2858, 0.3332



43.3653, 0.2779, 0.3163

Triad

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



43.3653, 0.2858, 0.3332



43.3653, 0.3052, 0.3003



43.3653, 0.3475, 0.3537

Complementary

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



43.3653, 0.2858, 0.3332



33.1208, 0.3478, 0.3249

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.



43.3653, 0.3489, 0.3400



43.3653, 0.2858, 0.3332



43.3653, 0.3240, 0.3098

Square

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



43.3653, 0.2858, 0.3332



43.3653, 0.2888, 0.2979



43.3653, 0.3402, 0.3241



43.3653, 0.3366, 0.3612

Rectangle

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



43.3653, 0.2858, 0.3332



43.3653, 0.2776, 0.3071



43.3653, 0.3402, 0.3241



43.3653, 0.3491, 0.3496

Sweetspot

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



43.3671, 0.2858, 0.3332



82.3844, 0.3041, 0.3302



42.5155, 0.3133, 0.3818



18.1418, 0.3032, 0.3304



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



43.3671, 0.2858, 0.3332



76.2346, 0.2799, 0.3343



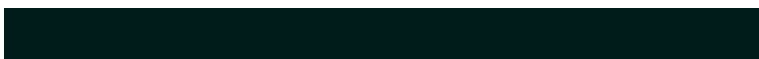
37.8407, 0.2824, 0.3081



10.1973, 0.2996, 0.3309



25.5947, 0.2318, 0.3546



0.9061, 0.2298, 0.3473

Inverse Universe

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



33.1208, 0.3478, 0.3249



54.2703, 0.3586, 0.3238



37.7949, 0.3472, 0.3490



9.0241, 0.3275, 0.3271



7.0523, 0.6291, 0.3239



0.2527, 0.5898, 0.3023

Previews

White Background



This preview shows how the Yxy color 43.3653, 0.2858, 0.3332 looks on a white background.

Color Contrast Check

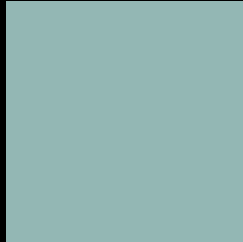
Large Text (above 18pt) WCAG AA × Fail

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 43.3653, 0.2858, 0.3332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

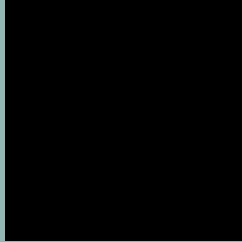
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

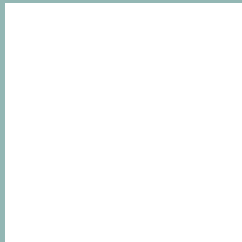
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.3653, 0.2858, 0.3332

Background



This preview shows how black text looks on a background with the Yxy color 43.3653, 0.2858, 0.3332.

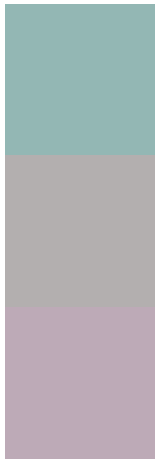


This preview shows how white text looks on a background with the Yxy color 43.3653, 0.2858, 0.3332.

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

43.3653, 0.2858, 0.3332

Protanopia

43.3388, 0.3163, 0.3290

Deuteranopia

42.9872, 0.3189, 0.3122



Tritanopia

43.4719, 0.2775, 0.3096

Trichromacy



Original Color

43.3653, 0.2858, 0.3332

Protanomaly

43.2306, 0.3041, 0.3303

Deuteranomaly

43.0360, 0.3062, 0.3196

Tritanomaly

43.5632, 0.2803, 0.3178

Monochromacy



Original Color

43.3653, 0.2858, 0.3332

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.9323, 0.3023, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3653, 0.2858, 0.3332 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(147, 183, 180)` looks like.

```
.text, #text, p{  
    color:rgb(147, 183, 180)  
}
```

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(147, 183, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 183, 180) }
```

Border

The CSS property to change the border of an element to Yxy 43.3653, 0.2858, 0.3332 is called "border". The border property can be set on classes, ids or directly on the HTML element.

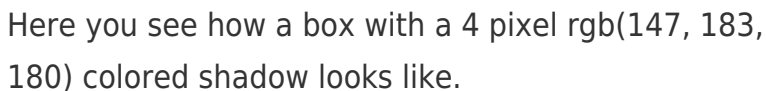
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 183, 180) }
```

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

```
.border{ border-color:rgb(147, 183, 180) }
```

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



Here you see how a box with a 4 pixel `rgb(147, 183, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 183, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 183, 180); box-shadow:4px 4px 4px 4px rgb(147, 183, 180) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3653, 0.2858, 0.3332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 183, 180) }
```

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

```
.background{ background-color: rgb(147,  
183, 180) }
```

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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