

Converting Colors

$Y_{xy}(43.4258, 0.2870, 0.3359)$

Have a look what the booklet for
Yxy(43.4258, 0.2870, 0.3359)
contains.

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Color

Yxy(43.2844, 0.2873, 0.3360)

Conversions

Conversions Part 1

Format	Color
Hex	93B7B2
RGB	147, 183, 178
RGB Percent	58%, 72%, 70%
CMY	0.4233, 0.2824, 0.3019
CMYK	0.20, 0.00, 0.03, 0.28
HSL	172°, 20%, 65%
HSV	172°, 20%, 72%
XYZ	37.0107, 43.2844, 48.5275
YIQ	171.6660, -19.8510, -9.1870

Conversions

Conversions Part 2

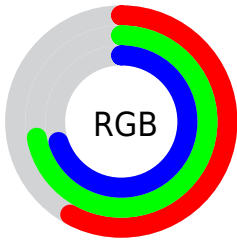
Format	Color
RYB	147, 166, 183
Decimal	9680818
CIELab	71.75, -13.10, -1.48
CIElCh	72, 13.188, 186.450
Yxy	43.2844, 0.2873, 0.3360
Android (android.graphics.Color)	4287870898 (0xFF93B7B2)
YUV	171.6660, 3.1227, -21.6321
Hunter-Lab	65.7909, -14.7187, 2.3212

Details

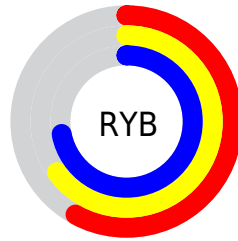
The Yxy color **43.2844, 0.2873, 0.3360** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.2214, 0.3456, 0.3222**, and the grayscale version is **41.0754, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.2301, 0.2921, 0.3344**, and **19.9327, 0.2807, 0.3389** is the 20% darker color. If you saturate the color by 10%, you get **41.6250, 0.2756, 0.3400**, and if you desaturate by 10%, it is **45.2184, 0.2999, 0.3323**.

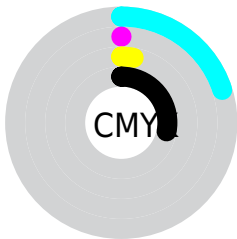
Distribution



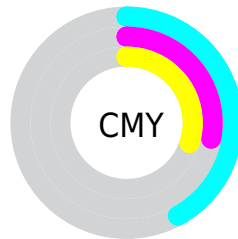
- Red (58%)
- Green (72%)
- Blue (70%)



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



- Cyan (20%)
- Magenta (0%)
- Yellow (3%)
- Black (28%)




- Cyan (42%)
- Magenta (28%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2844, 0.2873, 0.3360 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 43.2844, 0.2873, 0.3360 by changing the saturation by 10% instead.


 43.2844, 0.2873,
0.3360


 43.2844, 0.2873,
0.3360


359.7801, 0.3001,
0.3325

 30.1083, 0.2841,
0.3369


 80.1399, 0.2920,
0.3347

 19.9208, 0.2799,
0.3380


 104.5880, 0.2937,
0.3343

 12.3375, 0.2743,
0.3394


133.5623, 0.2952,
0.3339

 6.9740, 0.2664,
0.3414

167.4472, 0.2965,
0.3335

 3.4458, 0.2544,
0.3444

206.6270, 0.2976,
0.3332

 1.3687, 0.2343,
0.3491

251.4862, 0.2985,

 0.1935, 0.0000,

0.3330

0.3811

302.4091, 0.2994,
0.3327

0.0000, 0.0000,
0.0000

43.2844, 0.2873,
0.3360

43.2844, 0.2873,
0.3360

41.6250, 0.2756,
0.3400

45.2184, 0.2999,
0.3323

40.2221, 0.2650,
0.3443

47.4335, 0.3132,
0.3289

39.0639, 0.2559,
0.3489

49.9426, 0.3268,
0.3258

38.1352, 0.2485,
0.3536

52.7562, 0.3406,
0.3231

37.4194, 0.2429,
0.3584

55.8845, 0.3543,
0.3207

■ 36.8977, 0.2392,
0.3632

■ 58.9831, 0.3662,
0.3185

■ 36.5476, 0.2373,
0.3681

■ 59.0975, 0.3640,
0.3158

■ 36.3257, 0.2370,
0.3729

■ 59.2139, 0.3618,
0.3132

■ 36.3182, 0.2370,
0.3730

■ 59.3322, 0.3596,
0.3106

Harmonies

Analogous

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



43.2844, 0.3035, 0.3520



43.2844, 0.2873, 0.3360



43.2844, 0.2780, 0.3185

Triad

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



43.2844, 0.2873, 0.3360



43.2844, 0.3022, 0.2989



43.2844, 0.3490, 0.3523

Complementary

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



43.2844, 0.2873, 0.3360



33.2214, 0.3456, 0.3222

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.



43.2844, 0.3488, 0.3377



43.2844, 0.2873, 0.3360



43.2844, 0.3213, 0.3076

Square

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



43.2844, 0.2873, 0.3360



43.2844, 0.2863, 0.2977



43.2844, 0.3385, 0.3216



43.2844, 0.3392, 0.3611

Rectangle

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



43.2844, 0.2873, 0.3360



43.2844, 0.2767, 0.3086



43.2844, 0.3385, 0.3216



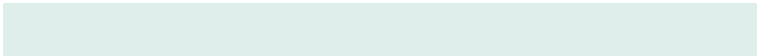
43.2844, 0.3501, 0.3478

Sweetspot

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



43.2862, 0.2873, 0.3360



82.3391, 0.3046, 0.3310



42.6903, 0.3148, 0.3814



18.1307, 0.3037, 0.3313



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.



43.2862, 0.2873, 0.3360



76.0583, 0.2816, 0.3379



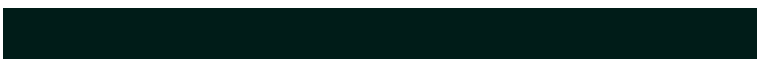
38.5327, 0.2827, 0.3108



10.1886, 0.3003, 0.3322



25.3470, 0.2368, 0.3725



0.8995, 0.2333, 0.3600

Inverse Universe

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



33.2214, 0.3456, 0.3222



54.4036, 0.3559, 0.3204



37.1905, 0.3476, 0.3465



9.0320, 0.3267, 0.3259



7.0794, 0.6194, 0.3186



0.2561, 0.5621, 0.2870

Previews

White Background



This preview shows how the Yxy color 43.2844, 0.2873, 0.3360 looks on a white background.

Color Contrast Check

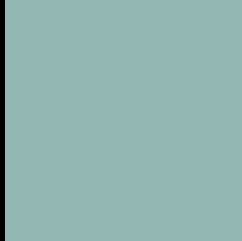
Large Text (above 18pt) WCAG AA × Fail

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 43.2844, 0.2873, 0.3360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

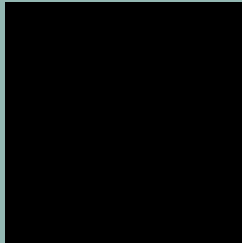
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

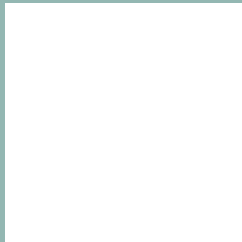
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.2844, 0.2873, 0.3360

Background



This preview shows how black text looks on a background with the Yxy color 43.2844, 0.2873, 0.3360.

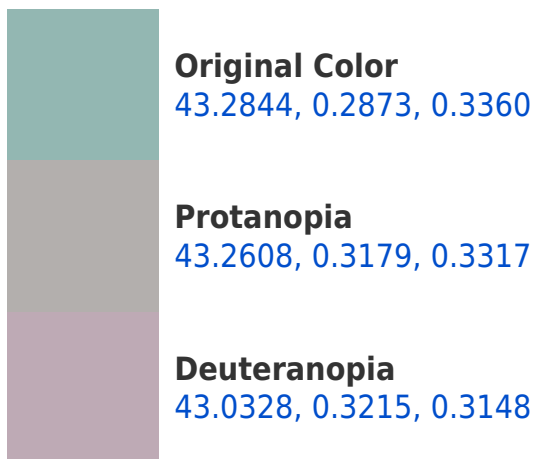


This preview shows how white text looks on a background with the Yxy color 43.2844, 0.2873, 0.3360.

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





Tritanopia

43.0667, 0.2773, 0.3082

Trichromacy



Original Color

43.2844, 0.2873, 0.3360

Protanomaly

43.1514, 0.3056, 0.3331

Deuteranomaly

42.9539, 0.3078, 0.3223

Tritanomaly

43.1114, 0.2809, 0.3178

Monochromacy



Original Color

43.2844, 0.2873, 0.3360

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.8932, 0.3031, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2844, 0.2873, 0.3360 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(147, 183, 178)  
}
```

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, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 183, 178) }
```

Border

The CSS property to change the border of an element to Yxy 43.2844, 0.2873, 0.3360 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, 178) }
```

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

```
.border{ border-color:rgb(147, 183, 178) }
```

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, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 183, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 183, 178);  
box-shadow:4px 4px 4px 4px rgb(147, 183,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2844, 0.2873, 0.3360 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, 178) }
```

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

```
.background{ background-color: rgb(147,  
183, 178) }
```

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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