

Converting Colors

$Y_{xy}(43.4420, 0.2976, 0.3394)$

Have a look what the booklet for
Yxy(43.4420, 0.2976, 0.3394)
contains.

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Color

Yxy(43.6800, 0.2980, 0.3402)

Conversions

Conversions Part 1

Format	Color
Hex	9DB6AE
RGB	157, 182, 174
RGB Percent	62%, 71%, 68%
CMY	0.3846, 0.2862, 0.3177
CMYK	0.14, 0.00, 0.04, 0.29
HSL	161°, 15%, 66%
HSV	161°, 14%, 71%
XYZ	38.2617, 43.6800, 46.4533
YIQ	173.6130, -12.3320, -7.7880

Conversions

Conversions Part 2

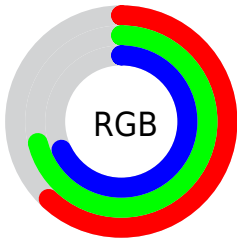
Format	Color
RYB	157, 172, 182
Decimal	10335918
CIELab	72.01, -10.18, 1.19
CIELCh	72, 10.254, 173.356
Yxy	43.6800, 0.2980, 0.3402
Android (android.graphics.Color)	4288525998 (0xFF9DB6AE)
YUV	173.6130, 0.1908, -14.5696
Hunter-Lab	66.0908, -12.3206, 4.5904

Details

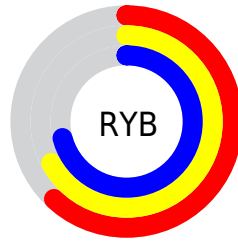
The Yxy color **43.6800, 0.2980, 0.3402** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.7542, 0.3300, 0.3181**, and the grayscale version is **42.1173, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.8033, 0.3012, 0.3386**, and **20.1089, 0.2929, 0.3427** is the 20% darker color. If you saturate the color by 10%, you get **41.7639, 0.2879, 0.3493**, and if you desaturate by 10%, it is **45.8823, 0.3086, 0.3319**.

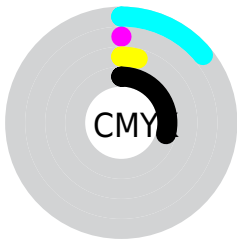
Distribution



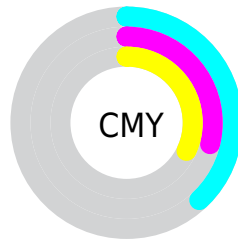
- Red (62%)
- Green (71%)
- Blue (68%)



- Red (62%)
- Yellow (67%)
- Blue (71%)



- Cyan (14%)
- Magenta (0%)
- Yellow (4%)
- Black (29%)




- Cyan (38%)
- Magenta (29%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6800, 0.2980, 0.3402 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 43.6800, 0.2980, 0.3402 by changing the saturation by 10% instead.


 43.6800, 0.2980,
0.3402

 43.6800, 0.2980,
0.3402


361.4008, 0.3055,
0.3345

 30.4190, 0.2961,
0.3417


 80.7360, 0.3007,
0.3381

 20.1569, 0.2937,
0.3435


 105.2998, 0.3018,
0.3373

 12.5091, 0.2904,
0.3461

134.4000, 0.3026,
0.3367

 7.0914, 0.2857,
0.3497

168.4210, 0.3033,
0.3361

 3.5193, 0.2785,
0.3553

207.7472, 0.3040,
0.3356

 1.4085, 0.2663,
0.3649

252.7630, 0.3045,

 0.2230, 0.0000,

0.3352

0.5825

303.8527, 0.3050,
0.3348

0.0000, 0.0000,
0.0000

43.6800, 0.2980,
0.3402

43.6800, 0.2980,
0.3402

41.7639, 0.2879,
0.3493

45.8823, 0.3086,
0.3319

40.1165, 0.2785,
0.3593

48.3767, 0.3195,
0.3245

38.7264, 0.2703,
0.3699

51.1759, 0.3304,
0.3178

37.5795, 0.2634,
0.3813

54.2900, 0.3413,
0.3119

36.6603, 0.2581,
0.3930

57.7288, 0.3519,
0.3068

■ 35.9514, 0.2547,
0.4051

■ 59.3259, 0.3529,
0.3013

■ 35.4328, 0.2532,
0.4173

■ 59.6198, 0.3480,
0.2955

■ 35.0804, 0.2537,
0.4294

■ 59.9243, 0.3431,
0.2897

■ 34.9139, 0.2547,
0.4368

■ 60.2396, 0.3383,
0.2840

Harmonies

Analogous

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



43.6800, 0.3120, 0.3506



43.6800, 0.2980, 0.3402



43.6800, 0.2880, 0.3268

Triad

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



43.6800, 0.2980, 0.3402



43.6800, 0.2987, 0.3044



43.6800, 0.3417, 0.3427

Complementary

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



43.6800, 0.2980, 0.3402



36.7542, 0.3300, 0.3181

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.



43.6800, 0.3380, 0.3304



43.6800, 0.2980, 0.3402



43.6800, 0.3129, 0.3087

Square

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



43.6800, 0.2980, 0.3402



43.6800, 0.2884, 0.3063



43.6800, 0.3274, 0.3181



43.6800, 0.3374, 0.3517

Rectangle

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



43.6800, 0.2980, 0.3402



43.6800, 0.2849, 0.3182



43.6800, 0.3274, 0.3181



43.6800, 0.3414, 0.3388

Sweetspot

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



43.6818, 0.2980, 0.3402



83.0414, 0.3083, 0.3321



43.9280, 0.3182, 0.3641



18.2711, 0.3075, 0.3327



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.



43.6818, 0.2980, 0.3402



77.8984, 0.2944, 0.3433



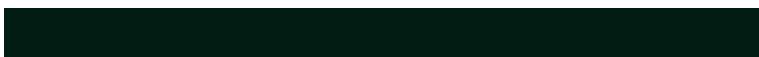
42.3169, 0.2919, 0.3231



10.1604, 0.3027, 0.3364



24.6617, 0.2543, 0.4355



0.8801, 0.2457, 0.4045

Inverse Universe

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



36.7542, 0.3300, 0.3181



62.5279, 0.3352, 0.3152



37.9094, 0.3369, 0.3348



9.0583, 0.3239, 0.3217



7.2516, 0.5657, 0.2890



0.2673, 0.4910, 0.2479

Previews

White Background



This preview shows how the Yxy color 43.6800, 0.2980, 0.3402 looks on a white background.

Color Contrast Check

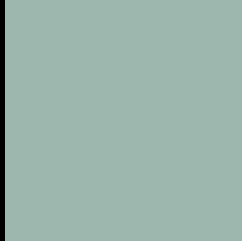
Large Text (above 18pt) WCAG AA × Fail

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 43.6800, 0.2980, 0.3402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

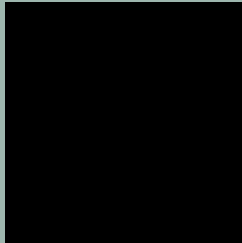
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6800, 0.2980, 0.3402

Background



This preview shows how black text looks on a background with the Yxy color 43.6800, 0.2980, 0.3402.



This preview shows how white text looks on a background with the Yxy color 43.6800, 0.2980, 0.3402.

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

43.6800, 0.2980, 0.3402

Protanopia

43.3860, 0.3222, 0.3357

Deuteranopia

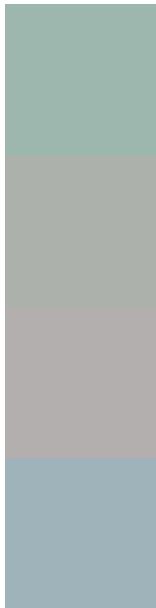
43.5979, 0.3285, 0.3226



Tritanopia

43.5640, 0.2863, 0.3100

Trichromacy



Original Color

43.6800, 0.2980, 0.3402

Protanomaly

43.5517, 0.3131, 0.3385

Deuteranomaly

43.4584, 0.3171, 0.3290

Tritanomaly

43.5586, 0.2907, 0.3207

Monochromacy



Original Color

43.6800, 0.2980, 0.3402

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.8251, 0.3073, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6800, 0.2980, 0.3402 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(157, 182, 174)` looks like.

```
.text, #text, p{  
    color:rgb(157, 182, 174)  
}
```

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(157, 182, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 182, 174) }
```

Border

The CSS property to change the border of an element to Yxy 43.6800, 0.2980, 0.3402 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(157, 182, 174) }
```

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

```
.border{ border-color:rgb(157, 182, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 182, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 182, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 182, 174);  
box-shadow:4px 4px 4px 4px rgb(157, 182,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6800, 0.2980, 0.3402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 182, 174) }
```

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

```
.background{ background-color: rgb(157,  
182, 174) }
```

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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