

Converting Colors

$Yxy(43.5822, 0.3080, 0.3372)$

Have a look what the booklet for
Yxy(43.5822, 0.3080, 0.3372)
contains.

Yxy(43.5822, 0.3080, 0.3372)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.5822, 0.3080, 0.3372)

Conversions

Conversions Part 1

Format	Color
Hex	A8B3AD
RGB	168, 179, 173
RGB Percent	66%, 70%, 68%
CMY	0.3413, 0.2980, 0.3215
CMYK	0.06, 0.00, 0.03, 0.30
HSL	147°, 7%, 68%
HSV	147°, 6%, 70%
XYZ	39.8082, 43.5822, 45.8570
YIQ	175.0270, -4.6300, -4.1980

Conversions

Conversions Part 2

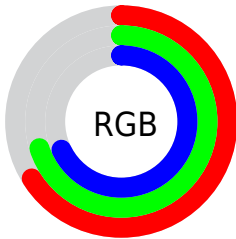
Format	Color
R _Y B	168, 176, 179
Decimal	11056045
CIE Lab	71.95, -4.99, 1.72
CIE LCh	72, 5.281, 160.992
Yxy	43.5822, 0.3080, 0.3372
Android (android.graphics.Color)	4289246125 (0xFFA8B3AD)
YUV	175.0270, -0.9993, -6.1627
Hunter-Lab	66.0168, -7.8938, 5.0274

Details

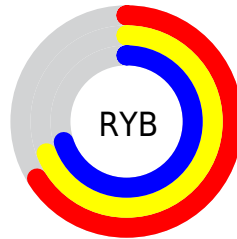
The Yxy color **43.5822, 0.3080, 0.3372** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.6351, 0.3177, 0.3209**, and the grayscale version is **42.8908, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.7061, 0.3090, 0.3364**, and **20.0152, 0.3064, 0.3385** is the 20% darker color. If you saturate the color by 10%, you get **41.3902, 0.3005, 0.3518**, and if you desaturate by 10%, it is **46.0758, 0.3157, 0.3242**.

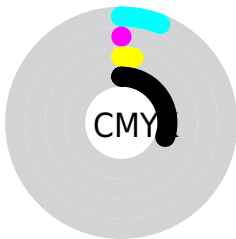
Distribution



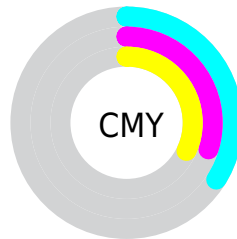
- Red (66%)
- Green (70%)
- Blue (68%)



- Red (66%)
- Yellow (69%)
- Blue (70%)



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (30%)




- Cyan (34%)
- Magenta (30%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.5822, 0.3080, 0.3372 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 43.5822, 0.3080, 0.3372 by changing the saturation by 10% instead.


 43.5822, 0.3080,
0.3372


 43.5822, 0.3080,
0.3372

361.0006, 0.3104,
0.3330

 30.3422, 0.3074,
0.3383


 80.5887, 0.3089,
0.3357

 20.0985, 0.3066,
0.3396


 105.1239, 0.3092,
0.3351

 12.4666, 0.3055,
0.3415


134.1931, 0.3095,
0.3346

 7.0623, 0.3040,
0.3442

168.1805, 0.3097,
0.3342

 3.5011, 0.3016,
0.3483

207.4705, 0.3099,
0.3339

 1.3986, 0.2975,
0.3554

252.4476, 0.3101,

 0.2157, 0.2011,

0.3336

0.5217

303.4962, 0.3103,
0.3333

0.0000, 0.0000,
0.0000

43.5822, 0.3080,
0.3372

43.5822, 0.3080,
0.3372

41.3902, 0.3005,
0.3518

46.0758, 0.3157,
0.3242

39.4826, 0.2932,
0.3680

48.8762, 0.3233,
0.3127

37.8490, 0.2866,
0.3857

51.9958, 0.3307,
0.3026

36.4761, 0.2808,
0.4049

55.4444, 0.3379,
0.2937

35.3495, 0.2763,
0.4252

58.7582, 0.3427,
0.2856

■ 34.4534, 0.2732,
0.4462

■ 59.2935, 0.3347,
0.2762

■ 33.7700, 0.2720,
0.4673

■ 59.8593, 0.3269,
0.2671

■ 33.2787, 0.2726,
0.4880

■ 60.4562, 0.3194,
0.2583

■ 32.9529, 0.2751,
0.5074

■ 60.7244, 0.3162,
0.2546

Harmonies

Analogous

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



43.5822, 0.3156, 0.3413



43.5822, 0.3080, 0.3372



43.5822, 0.3017, 0.3308

Triad

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



43.5822, 0.3080, 0.3372



43.5822, 0.3030, 0.3162



43.5822, 0.3273, 0.3337

Complementary

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



43.5822, 0.3080, 0.3372



40.6351, 0.3177, 0.3209

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.



43.5822, 0.3238, 0.3271



43.5822, 0.3080, 0.3372



43.5822, 0.3097, 0.3171

Square

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



43.5822, 0.3080, 0.3372



43.5822, 0.2988, 0.3187



43.5822, 0.3174, 0.3210



43.5822, 0.3268, 0.3392

Rectangle

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



43.5822, 0.3080, 0.3372



43.5822, 0.2991, 0.3262



43.5822, 0.3174, 0.3210



43.5822, 0.3265, 0.3315

Sweetspot

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



43.5841, 0.3080, 0.3372



79.8256, 0.3112, 0.3316



44.0742, 0.3173, 0.3440



17.6959, 0.3112, 0.3315



91.1408, 0.3127, 0.3290



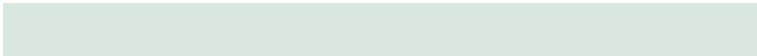
17.8868, 0.3127, 0.3290

Same Dimension

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



43.5841, 0.3080, 0.3372



77.6509, 0.3073, 0.3385



43.7991, 0.3037, 0.3297



9.6470, 0.3070, 0.3390



23.2235, 0.2757, 0.5124



0.7425, 0.2604, 0.4575

Inverse Universe

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



40.6351, 0.3177, 0.3209



71.5928, 0.3185, 0.3197



40.4272, 0.3224, 0.3283



8.8591, 0.3188, 0.3192



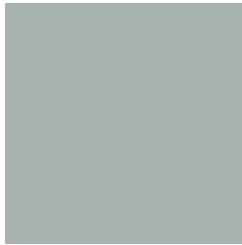
7.3982, 0.4749, 0.2390



0.2444, 0.4211, 0.2094

Previews

White Background



This preview shows how the Yxy color 43.5822, 0.3080, 0.3372 looks on a white background.

Color Contrast Check

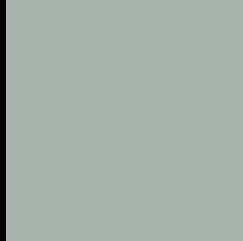
Large Text (above 18pt) WCAG AA × Fail

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 43.5822, 0.3080, 0.3372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

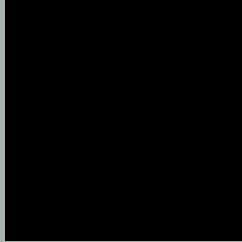
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

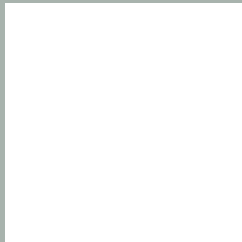
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.5822, 0.3080, 0.3372

Background



This preview shows how black text looks on a background with the Yxy color 43.5822, 0.3080, 0.3372.



This preview shows how white text looks on a background with the Yxy color 43.5822, 0.3080, 0.3372.

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

43.5822, 0.3080, 0.3372

Protanopia

43.3035, 0.3205, 0.3344

Deuteranopia

43.3139, 0.3304, 0.3226



Tritanopia

43.4263, 0.2974, 0.3103

Trichromacy



Original Color

43.5822, 0.3080, 0.3372

Protanomaly

43.2593, 0.3160, 0.3344

Deuteranomaly

43.2574, 0.3227, 0.3277

Tritanomaly

43.4510, 0.3012, 0.3195

Monochromacy



Original Color

43.5822, 0.3080, 0.3372

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.8773, 0.3108, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5822, 0.3080, 0.3372 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(168, 179, 173)` looks like.

```
.text, #text, p{  
    color:rgb(168, 179, 173)  
}
```

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(168, 179, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 179, 173) }
```

Border

The CSS property to change the border of an element to Yxy 43.5822, 0.3080, 0.3372 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(168, 179, 173) }
```

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

```
.border{ border-color:rgb(168, 179, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 179, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 179, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 179, 173);  
box-shadow:4px 4px 4px 4px rgb(168, 179,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5822, 0.3080, 0.3372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 179, 173) }
```

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

```
.background{ background-color: rgb(168,  
179, 173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor