

Converting Colors

$Yxy(43.6952, 0.2999, 0.3364)$

Have a look what the booklet for
Yxy(43.6952, 0.2999, 0.3364)
contains.

Yxy(43.7594, 0.2998, 0.3359)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.7594, 0.2998, 0.3359)

Conversions

Conversions Part 1

Format	Color
Hex	A1B5B0
RGB	161, 181, 176
RGB Percent	63%, 71%, 69%
CMY	0.3687, 0.2902, 0.3098
CMYK	0.11, 0.00, 0.03, 0.29
HSL	165°, 12%, 67%
HSV	165°, 11%, 71%
XYZ	39.0565, 43.7594, 47.4592
YIQ	174.4500, -10.3150, -5.7950

Conversions

Conversions Part 2

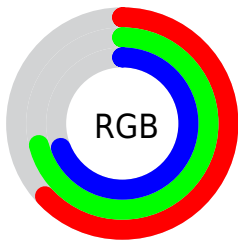
Format	Color
RYB	161, 172, 181
Decimal	10597808
CIELab	72.07, -7.88, 0.20
CIElCh	72, 7.879, 178.551
Yxy	43.7594, 0.2998, 0.3359
Android (android.graphics.Color)	4288787888 (0xFFA1B5B0)
YUV	174.4500, 0.7642, -11.7956
Hunter-Lab	66.1509, -10.3750, 3.7687

Details

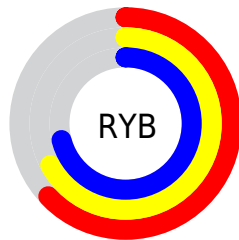
The Yxy color **43.7594, 0.2998, 0.3359** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.0650, 0.3275, 0.3222**, and the grayscale version is **42.5710, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.9935, 0.3020, 0.3343**, and **20.1448, 0.2952, 0.3367** is the 20% darker color. If you saturate the color by 10%, you get **41.8385, 0.2887, 0.3428**, and if you desaturate by 10%, it is **45.9622, 0.3115, 0.3296**.

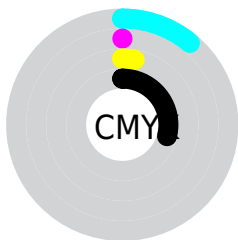
Distribution



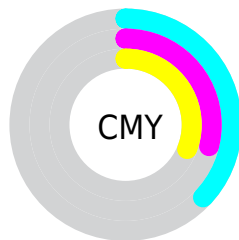
- Red (63%)
- Green (71%)
- Blue (69%)



- Red (63%)
- Yellow (67%)
- Blue (71%)



- Cyan (11%)
- Magenta (0%)
- Yellow (3%)
- Black (29%)




- Cyan (37%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.7594, 0.2998, 0.3359 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 43.7594, 0.2998, 0.3359 by changing the saturation by 10% instead.

 43.7594, 0.2998,
0.3359

 43.7594, 0.2998,
0.3359

361.7256, 0.3063,
0.3324

 30.4814, 0.2981,
0.3368


 80.8556, 0.3022,
0.3346

 20.2043, 0.2960,
0.3379


 105.4425, 0.3031,
0.3342

 12.5436, 0.2931,
0.3395

134.5680, 0.3038,
0.3338

 7.1150, 0.2891,
0.3416

168.6162, 0.3045,
0.3334

 3.5342, 0.2829,
0.3449

207.9717, 0.3050,
0.3331

 1.4166, 0.2723,
0.3506

253.0188, 0.3055,

 0.2289, 0.0516,

0.3329

0.4676

304.1420, 0.3060,
0.3326

0.0000, 0.0000,
0.0000

43.7594, 0.2998,
0.3359

43.7594, 0.2998,
0.3359

41.8385, 0.2887,
0.3428

45.9622, 0.3115,
0.3296

40.1823, 0.2783,
0.3503

48.4524, 0.3234,
0.3240

38.7800, 0.2690,
0.3584

51.2421, 0.3354,
0.3189

37.6182, 0.2611,
0.3669

54.3414, 0.3473,
0.3145

36.6819, 0.2548,
0.3758

57.7596, 0.3590,
0.3106

■ 35.9546, 0.2503,
0.3850

■ 58.6313, 0.3580,
0.3061

■ 35.4174, 0.2477,
0.3943

■ 58.8509, 0.3541,
0.3015

■ 35.0481, 0.2471,
0.4036

■ 59.0768, 0.3503,
0.2970

■ 34.8192, 0.2477,
0.4118

■ 59.3091, 0.3464,
0.2924

Harmonies

Analogous

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



43.7594, 0.3103, 0.3444



43.7594, 0.2998, 0.3359



43.7594, 0.2929, 0.3256

Triad

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



43.7594, 0.2998, 0.3359



43.7594, 0.3037, 0.3102



43.7594, 0.3348, 0.3410

Complementary

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



43.7594, 0.2998, 0.3359



38.0650, 0.3275, 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.



43.7594, 0.3330, 0.3319



43.7594, 0.2998, 0.3359



43.7594, 0.3149, 0.3143

Square

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



43.7594, 0.2998, 0.3359



43.7594, 0.2951, 0.3109



43.7594, 0.3257, 0.3222



43.7594, 0.3305, 0.3472

Rectangle

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



43.7594, 0.2998, 0.3359



43.7594, 0.2911, 0.3192



43.7594, 0.3257, 0.3222



43.7594, 0.3349, 0.3382

Sweetspot

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



43.7612, 0.2998, 0.3359



81.4842, 0.3091, 0.3308



43.7662, 0.3160, 0.3569



17.5412, 0.3082, 0.3313



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.



43.7612, 0.2998, 0.3359



77.5837, 0.2973, 0.3373



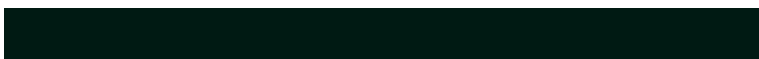
42.0957, 0.2959, 0.3225



9.5945, 0.3018, 0.3348



24.0132, 0.2474, 0.4106



0.7642, 0.2403, 0.3850

Inverse Universe

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



38.0650, 0.3275, 0.3222



65.5687, 0.3308, 0.3208



39.5474, 0.3313, 0.3354



8.5390, 0.3249, 0.3233



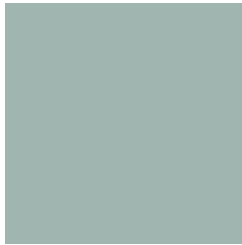
6.9142, 0.5894, 0.3021



0.2271, 0.5101, 0.2584

Previews

White Background



This preview shows how the Yxy color 43.7594, 0.2998, 0.3359 looks on a white background.

Color Contrast Check

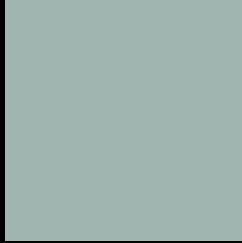
Large Text (above 18pt) WCAG AA × Fail

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 43.7594, 0.2998, 0.3359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

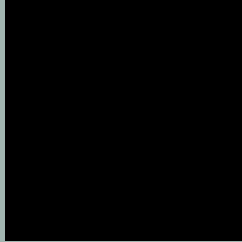
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

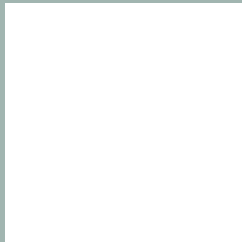
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.7594, 0.2998, 0.3359

Background



This preview shows how black text looks on a background with the Yxy color 43.7594, 0.2998, 0.3359.



This preview shows how white text looks on a background with the Yxy color 43.7594, 0.2998, 0.3359.

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

43.7594, 0.2998, 0.3359

Protanopia

43.7711, 0.3187, 0.3330

Deuteranopia

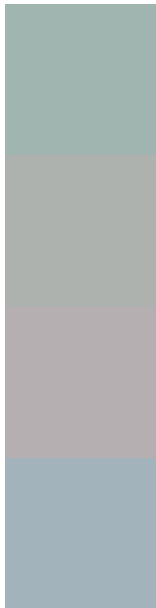
43.6776, 0.3267, 0.3201



Tritanopia

43.5836, 0.2894, 0.3088

Trichromacy



Original Color

43.7594, 0.2998, 0.3359

Protanomaly

43.7810, 0.3116, 0.3344

Deuteranomaly

43.6580, 0.3164, 0.3264

Tritanomaly

43.6146, 0.2931, 0.3181

Monochromacy



Original Color

43.7594, 0.2998, 0.3359

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.9744, 0.3074, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7594, 0.2998, 0.3359 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(161, 181, 176)` looks like.

```
.text, #text, p{  
    color:rgb(161, 181, 176)  
}
```

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(161, 181, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 181, 176) }
```

Border

The CSS property to change the border of an element to Yxy 43.7594, 0.2998, 0.3359 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(161, 181, 176) }
```

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

```
.border{ border-color:rgb(161, 181, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 181, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 181, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 181, 176);  
box-shadow:4px 4px 4px 4px rgb(161, 181,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7594, 0.2998, 0.3359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 181, 176) }
```

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

```
.background{ background-color: rgb(161,  
181, 176) }
```

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