

Converting Colors

$Yxy(43.5185, 0.3808, 0.3293)$

Have a look what the booklet for
Yxy(43.5185, 0.3808, 0.3293)
contains.

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Color

Yxy(43.5958, 0.3808, 0.3304)

Conversions

Conversions Part 1

Format	Color
Hex	E39F9E
RGB	227, 159, 158
RGB Percent	89%, 62%, 62%
CMY	0.1098, 0.3764, 0.3805
CMYK	0.00, 0.30, 0.30, 0.11
HSL	1°, 55%, 75%
HSV	1°, 30%, 89%
XYZ	50.2460, 43.5958, 38.1067
YIQ	179.2180, 40.8490, 14.1050

Conversions

Conversions Part 2

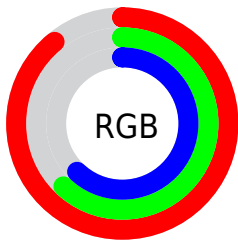
Format	Color
R_{YB}	227, 159, 158
Decimal	14917534
CIE _{Lab}	71.96, 25.16, 10.71
CIE _{LCh}	72, 27.345, 23.053
Yxy	43.5958, 0.3808, 0.3304
Android (android.graphics.Color)	4293107614 (0xFFE39F9E)
YUV	179.2180, -10.4605, 41.9048
Hunter-Lab	66.0271, 20.2893, 12.0005

Details

The Yxy color **43.5958, 0.3808, 0.3304** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **67.1898, 0.2689, 0.3276**, and the grayscale version is **45.2428, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.1572, 0.3441, 0.3301**, and **20.1230, 0.4007, 0.3293** is the 20% darker color. If you saturate the color by 10%, you get **35.8787, 0.4147, 0.3309**, and if you desaturate by 10%, it is **52.8526, 0.3532, 0.3299**.

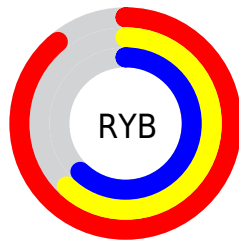
Distribution



Red (89%)

Green (62%)

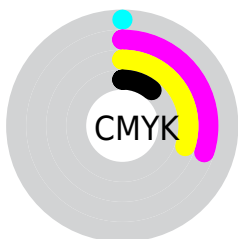
Blue (62%)



Red (89%)

Yellow (62%)

Blue (62%)

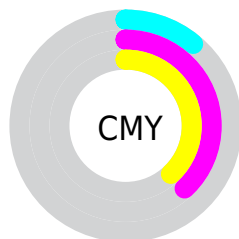


Cyan (0%)

Magenta (30%)

Yellow (30%)

Black (11%)



Cyan (11%)


Magenta (38%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5958, 0.3808, 0.3304 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 43.5958, 0.3808, 0.3304 by changing the saturation by 10% instead.


 43.5958, 0.3808,
0.3304


 43.5958, 0.3808,
0.3304

361.0563, 0.3461,
0.3305

 30.3529, 0.3897,
0.3301


 80.6092, 0.3680,
0.3306

 20.1066, 0.4012,
0.3296


 105.1484, 0.3633,
0.3306

 12.4725, 0.4166,
0.3287


134.2219, 0.3593,
0.3306

 7.0664, 0.4384,
0.3268

168.2139, 0.3558,
0.3306

 3.5036, 0.4714,
0.3229

207.5090, 0.3529,
0.3306

 1.4000, 0.5290,
0.3151

252.4915, 0.3503,

 0.2167, 0.7910,

0.3306

0.2090

303.5458, 0.3481,
0.3305

0.0000, 0.0000,
0.0000

43.5958, 0.3808,
0.3304

43.5958, 0.3808,
0.3304

35.8787, 0.4147,
0.3309

52.8526, 0.3532,
0.3299

29.6122, 0.4552,
0.3313

63.7198, 0.3311,
0.3294

24.7073, 0.5012,
0.3317

76.2710, 0.3133,
0.3290

21.0632, 0.5490,
0.3318

90.5735, 0.2992,
0.3286

18.5646, 0.5923,
0.3315

95.0702, 0.2958,
0.3290

■ 17.0755, 0.6235,
0.3310

■ 16.4034, 0.6392,
0.3306

Harmonies

Analogous

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



43.5958, 0.3511, 0.3002



43.5958, 0.3808, 0.3304



43.5958, 0.3908, 0.3620

Triad

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



43.5958, 0.3808, 0.3304



43.5958, 0.3098, 0.3895



43.5958, 0.2495, 0.2695

Complementary

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



43.5958, 0.3808, 0.3304



67.1898, 0.2689, 0.3276

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.



43.5958, 0.2403, 0.2888



43.5958, 0.3808, 0.3304



43.5958, 0.2736, 0.3597

Square

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



43.5958, 0.3808, 0.3304



43.5958, 0.3483, 0.3994



43.5958, 0.2487, 0.3216



43.5958, 0.2749, 0.2660

Rectangle

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



43.5958, 0.3808, 0.3304



43.5958, 0.3849, 0.3804



43.5958, 0.2487, 0.3216



43.5958, 0.2445, 0.2742

Sweetspot

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



43.5979, 0.3808, 0.3304



85.0226, 0.3284, 0.3294



46.3244, 0.3163, 0.2536



17.7168, 0.3313, 0.3294



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



43.5979, 0.3808, 0.3304



50.6647, 0.3998, 0.3307



56.7131, 0.3693, 0.3687



14.4021, 0.3292, 0.3294



9.5818, 0.6389, 0.3309



0.7203, 0.6358, 0.3334

Inverse Universe

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



67.1898, 0.2689, 0.3276



85.6805, 0.2618, 0.3274



50.7281, 0.2641, 0.2856



16.2977, 0.2982, 0.3286



34.2255, 0.2234, 0.3242



2.5410, 0.2236, 0.3249

Previews

White Background



This preview shows how the Yxy color 43.5958, 0.3808, 0.3304 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 43.5958, 0.3808, 0.3304 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 43.5958, 0.3808, 0.3304

Background



This preview shows how black text looks on a background with the Yxy color 43.5958, 0.3808, 0.3304.



This preview shows how white text looks on a background with the Yxy color 43.5958, 0.3808, 0.3304.

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

43.5958, 0.3808, 0.3304

Protanopia

43.7858, 0.3255, 0.3410

Deuteranopia

43.5673, 0.3541, 0.3470



Tritanopia

43.4725, 0.3713, 0.3152

Trichromacy



Original Color

43.5958, 0.3808, 0.3304

Protanomaly

43.4356, 0.3440, 0.3368

Deuteranomaly

43.4084, 0.3630, 0.3403

Tritanomaly

43.6643, 0.3751, 0.3210

Monochromacy



Original Color

43.5958, 0.3808, 0.3304

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.1811, 0.3355, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5958, 0.3808, 0.3304 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(227, 159, 158)` looks like.

```
.text, #text, p{  
  color:rgb(227, 159, 158)  
}
```

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(227, 159, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 159, 158) }
```

Border

The CSS property to change the border of an element to Yxy 43.5958, 0.3808, 0.3304 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(227, 159, 158) }
```

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

```
.border{ border-color:rgb(227, 159, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 159, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 159, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 159, 158);  
box-shadow:4px 4px 4px 4px rgb(227, 159,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5958, 0.3808, 0.3304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 159, 158) }
```

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

```
.background{ background-color: rgb(227,  
159, 158) }
```

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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