

Converting Colors

$Yxy(43.6590, 0.3831, 0.3345)$

Have a look what the booklet for
Yxy(43.6590, 0.3831, 0.3345)
contains.

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Color

Yxy(43.8391, 0.3834, 0.3351)

Conversions

Conversions Part 1

Format	Color
Hex	E3A09B
RGB	227, 160, 155
RGB Percent	89%, 63%, 61%
CMY	0.1099, 0.3725, 0.3922
CMYK	0.00, 0.29, 0.32, 0.11
HSL	4°, 56%, 75%
HSV	4°, 32%, 89%
XYZ	50.1579, 43.8391, 36.8269
YIQ	179.4630, 41.5370, 12.6490

Conversions

Conversions Part 2

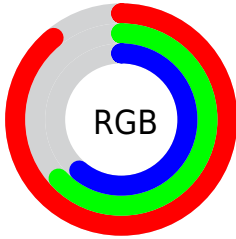
Format	Color
R _Y B	227, 160, 155
Decimal	14917787
CIE Lab	72.12, 24.22, 12.59
CIE LCh	72, 27.295, 27.457
Yxy	43.8391, 0.3834, 0.3351
Android (android.graphics.Color)	4293107867 (0xFFE3A09B)
YUV	179.4630, -12.0603, 41.6899
Hunter-Lab	66.2111, 19.3524, 13.3704

Details

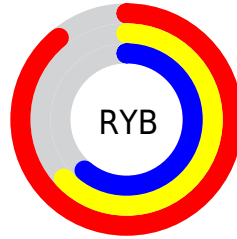
The Yxy color **43.8391, 0.3834, 0.3351** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **64.7252, 0.2667, 0.3228**, and the grayscale version is **45.3890, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.4643, 0.3468, 0.3352**, and **20.2706, 0.4044, 0.3354** is the 20% darker color. If you saturate the color by 10%, you get **36.4388, 0.4169, 0.3371**, and if you desaturate by 10%, it is **52.6300, 0.3558, 0.3331**.

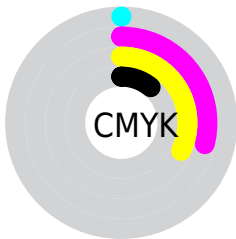
Distribution



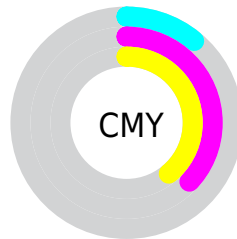
- Red (89%)
- Green (63%)
- Blue (61%)



- Red (89%)
- Yellow (63%)
- Blue (61%)



- Cyan (0%)
- Magenta (29%)
- Yellow (32%)
- Black (11%)





- Cyan (11%)
- Magenta (37%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8391, 0.3834, 0.3351 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 43.8391, 0.3834, 0.3351 by changing the saturation by 10% instead.


 43.8391, 0.3834,
0.3351


 43.8391, 0.3834,
0.3351


362.0513, 0.3473,
0.3329

 30.5440, 0.3926,
0.3354

 80.9756, 0.3701,
0.3345

 20.2519, 0.4045,
0.3355


 105.5858, 0.3652,
0.3342

 12.5783, 0.4205,
0.3354

134.7365, 0.3611,
0.3340

 7.1388, 0.4430,
0.3346

168.8121, 0.3575,
0.3337

 3.5491, 0.4768,
0.3321

208.1969, 0.3544,
0.3335

 1.4247, 0.5383,
0.3279

253.2755, 0.3518,

 0.2348, 0.7762,

0.3333

0.2238

304.4322, 0.3494,
0.3331

0.0000, 0.0000,
0.0000

43.8391, 0.3834,
0.3351

43.8391, 0.3834,
0.3351

36.4388, 0.4169,
0.3371

52.6300, 0.3558,
0.3331

30.3519, 0.4566,
0.3387

62.8708, 0.3335,
0.3311

25.5034, 0.5013,
0.3397

74.6253, 0.3154,
0.3293

21.8083, 0.5476,
0.3397

87.9514, 0.3008,
0.3276

19.1707, 0.5897,
0.3383

95.0656, 0.2958,
0.3290

■ 17.4791, 0.6208,
0.3355

■ 16.6916, 0.6359,
0.3333

Harmonies

Analogous

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



43.8391, 0.3562, 0.3044



43.8391, 0.3834, 0.3351



43.8391, 0.3901, 0.3663

Triad

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



43.8391, 0.3834, 0.3351



43.8391, 0.3042, 0.3860



43.8391, 0.2525, 0.2682

Complementary

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



43.8391, 0.3834, 0.3351



64.7252, 0.2667, 0.3228

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.



43.8391, 0.2408, 0.2852



43.8391, 0.3834, 0.3351



43.8391, 0.2692, 0.3542

Square

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



43.8391, 0.3834, 0.3351



43.8391, 0.3428, 0.3991



43.8391, 0.2466, 0.3162



43.8391, 0.2799, 0.2670

Rectangle

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



43.8391, 0.3834, 0.3351



43.8391, 0.3820, 0.3837



43.8391, 0.2466, 0.3162



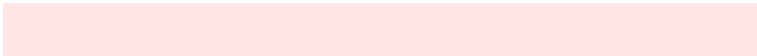
43.8391, 0.2467, 0.2721

Sweetspot

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



43.8412, 0.3834, 0.3351



84.2538, 0.3302, 0.3308



45.0505, 0.3205, 0.2551



17.5950, 0.3330, 0.3311



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.



43.8412, 0.3834, 0.3351



50.5934, 0.4046, 0.3364



58.0730, 0.3706, 0.3758



14.5287, 0.3291, 0.3307



9.7985, 0.6348, 0.3342



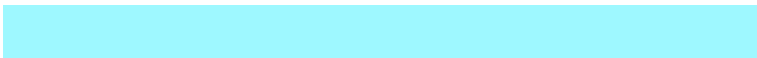
0.7811, 0.6207, 0.3453

Inverse Universe

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



64.7252, 0.2667, 0.3228



81.7791, 0.2586, 0.3213



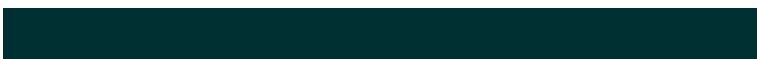
47.7082, 0.2612, 0.2771



16.1550, 0.2982, 0.3273



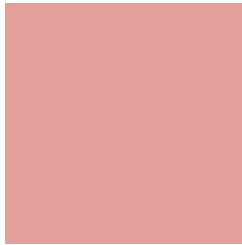
30.5213, 0.2187, 0.3071



2.3074, 0.2196, 0.3105

Previews

White Background



This preview shows how the Yxy color 43.8391, 0.3834, 0.3351 looks on a white background.

Color Contrast Check

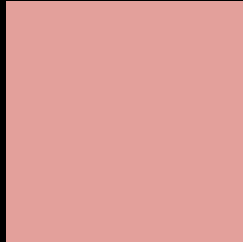
Large Text (above 18pt) WCAG AA × Fail

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 43.8391, 0.3834, 0.3351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

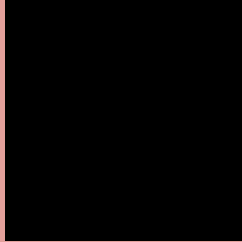
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.8391, 0.3834, 0.3351

Background



This preview shows how black text looks on a background with the Yxy color 43.8391, 0.3834, 0.3351.



This preview shows how white text looks on a background with the Yxy color 43.8391, 0.3834, 0.3351.

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

43.8391, 0.3834, 0.3351

Protanopia

44.3150, 0.3297, 0.3463

Deuteranopia

44.1222, 0.3585, 0.3520



Tritanopia

43.8500, 0.3701, 0.3152

Trichromacy



Original Color

43.8391, 0.3834, 0.3351

Protanomaly

43.9784, 0.3484, 0.3419

Deuteranomaly

43.9676, 0.3675, 0.3452

Tritanomaly

44.0069, 0.3747, 0.3222

Monochromacy



Original Color

43.8391, 0.3834, 0.3351

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.1431, 0.3364, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8391, 0.3834, 0.3351 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, 160, 155)` looks like.

```
.text, #text, p{  
    color:rgb(227, 160, 155)  
}
```

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, 160, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 160, 155) }
```

Border

The CSS property to change the border of an element to Yxy 43.8391, 0.3834, 0.3351 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, 160, 155) }
```

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

```
.border{ border-color:rgb(227, 160, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 160, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 160, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 160, 155); box-shadow:4px 4px 4px 4px rgb(227, 160, 155) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8391, 0.3834, 0.3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 160, 155) }
```

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

```
.background{ background-color: rgb(227,  
160, 155) }
```

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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