

# Converting Colors

$Yxy(44.8995, 0.3893, 0.3344)$

Have a look what the booklet for  
Yxy(44.8995, 0.3893, 0.3344)  
contains.

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# Color

**Yxy(44.8318, 0.3892, 0.3350)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9A09B
RGB	233, 160, 155
RGB Percent	91%, 63%, 61%
CMY	0.0864, 0.3725, 0.3922
CMYK	0.00, 0.31, 0.33, 0.09
HSL	4°, 64%, 76%
HSV	4°, 33%, 91%
XYZ	52.0852, 44.8318, 36.9093
YIQ	181.2570, 45.1130, 13.9210

# Conversions

## Conversions Part 2

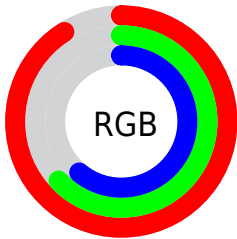
Format	Color
R <sub>Y</sub> B	233, 160, 155
Decimal	15311003
CIE Lab	72.78, 26.49, 13.62
CIE LCh	73, 29.782, 27.214
Yxy	44.8318, 0.3892, 0.3350
Android (android.graphics.Color)	4293501083 (0xFFE9A09B)
YUV	181.2570, -12.9447, 45.3786
Hunter-Lab	66.9566, 21.6803, 14.1864

# Details

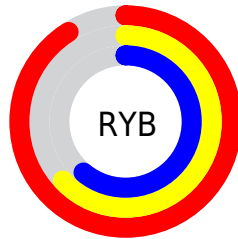
The Yxy color **44.8318, 0.3892, 0.3350** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **68.3037, 0.2644, 0.3229**, and the grayscale version is **46.4083, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.4643, 0.3468, 0.3352**, and **20.8386, 0.4109, 0.3353** is the 20% darker color. If you saturate the color by 10%, you get **37.2190, 0.4240, 0.3368**, and if you desaturate by 10%, it is **53.9244, 0.3605, 0.3331**.

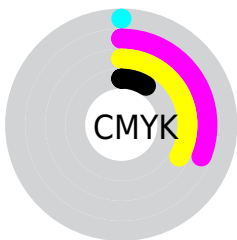
# Distribution



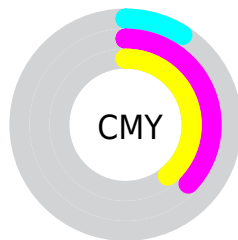
- Red (91%)
- Green (63%)
- Blue (61%)



- Red (91%)
- Yellow (63%)
- Blue (61%)



- Cyan (0%)
- Magenta (31%)
- Yellow (33%)
- Black (9%)




- Cyan (9%)
- Magenta (37%)
- Yellow (39%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 44.8318, 0.3892, 0.3350 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 44.8318, 0.3892, 0.3350 by changing the saturation by 10% instead.





 44.8318, 0.3892,  
0.3350

 44.8318, 0.3892,  
0.3350


366.0919, 0.3503,  
0.3330

 31.3250, 0.3991,  
0.3352


 82.4680, 0.3749,  
0.3345

 20.8464, 0.4118,  
0.3351


 107.3661, 0.3696,  
0.3343

 13.0118, 0.4288,  
0.3348


136.8300, 0.3651,  
0.3340

 7.4367, 0.4526,  
0.3336

171.2443, 0.3613,  
0.3338

 3.7367, 0.4881,  
0.3303

210.9932, 0.3580,  
0.3336

 1.5274, 0.5508,  
0.3243

256.4612, 0.3551,


 0.3079, 0.7539,


0.3334


0.2461


308.0326, 0.3526,  
0.3332

 0.0000, 0.0000,  
0.0000


 44.8318, 0.3892,  
0.3350

 44.8318, 0.3892,  
0.3350


 37.2190, 0.4240,  
0.3368


 53.9244, 0.3605,  
0.3331

 31.0016, 0.4650,  
0.3382


 64.5624, 0.3372,  
0.3313

 26.0969, 0.5106,  
0.3390

 76.8154, 0.3184,  
0.3296

 22.4104, 0.5568,  
0.3388

 90.7467, 0.3032,  
0.3280

 19.8355, 0.5974,  
0.3372

 96.0603, 0.2993,  
0.3290

■ 18.2467, 0.6256,  
0.3344

■ 17.6633, 0.6364,  
0.3329

# Harmonies

## Analogous

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



44.8318, 0.3595, 0.3021



44.8318, 0.3892, 0.3350



44.8318, 0.3965, 0.3686

# Triad

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



44.8318, 0.3892, 0.3350



44.8318, 0.3036, 0.3913



44.8318, 0.2476, 0.2635

# Complementary

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



44.8318, 0.3892, 0.3350



68.3037, 0.2644, 0.3229

# 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.



44.8318, 0.2353, 0.2816



44.8318, 0.3892, 0.3350



44.8318, 0.2659, 0.3567

# Square

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



44.8318, 0.3892, 0.3350



44.8318, 0.3454, 0.4051



44.8318, 0.2416, 0.3152



44.8318, 0.2768, 0.2623



# Rectangle

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



44.8318, 0.3892, 0.3350



44.8318, 0.3878, 0.3877



44.8318, 0.2416, 0.3152



44.8318, 0.2415, 0.2677

# Sweetspot

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



44.8339, 0.3892, 0.3350



84.1792, 0.3303, 0.3307



46.4180, 0.3199, 0.2497



17.5771, 0.3330, 0.3309



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.



44.8339, 0.3892, 0.3350



48.5588, 0.4119, 0.3362



60.0195, 0.3750, 0.3771



15.2101, 0.3291, 0.3306



10.0854, 0.6353, 0.3338



0.8470, 0.6228, 0.3437



# Inverse Universe

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



68.3037, 0.2644, 0.3229



81.3809, 0.2563, 0.3215



49.7103, 0.2583, 0.2753



16.9455, 0.2981, 0.3274



31.8471, 0.2191, 0.3088

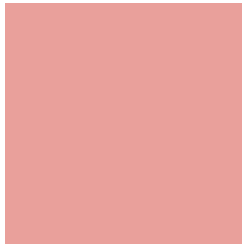


2.5512, 0.2199, 0.3117



# Previews

## White Background



This preview shows how the Yxy color 44.8318, 0.3892, 0.3350 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

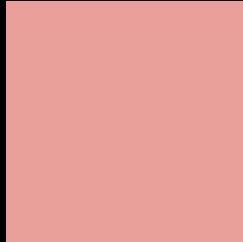
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 44.8318, 0.3892, 0.3350 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

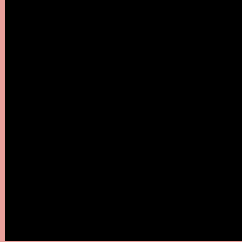
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 44.8318, 0.3892, 0.3350**

## Background



This preview shows how black text looks on a background with the Yxy color 44.8318, 0.3892, 0.3350.



This preview shows how white text looks on a background with the Yxy color 44.8318, 0.3892, 0.3350.

# 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

44.8318, 0.3892, 0.3350

### Protanopia

44.9602, 0.3314, 0.3475

### Deuteranopia

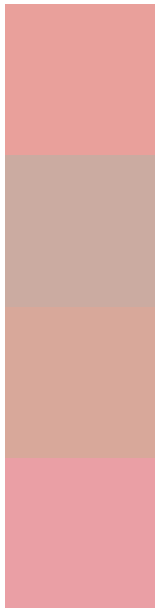
44.9268, 0.3611, 0.3530



## Tritanopia

44.8484, 0.3758, 0.3155

# Trichromacy



**Original Color**

44.8318, 0.3892, 0.3350

**Protanomaly**

44.3955, 0.3512, 0.3418

**Deuteranomaly**

44.9373, 0.3710, 0.3462

**Tritanomaly**

45.0053, 0.3805, 0.3224

# Monochromacy



**Original Color**

44.8318, 0.3892, 0.3350

**Achromatopsia**

46.2077, 0.3127, 0.3290

**Achromatomaly**

45.1451, 0.3381, 0.3303

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 44.8318, 0.3892, 0.3350 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(233, 160, 155)` looks like.

```
.text, #text, p{  
  color:rgb(233, 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(233, 160, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 160, 155) }
```

## Border

The CSS property to change the border of an element to Yxy 44.8318, 0.3892, 0.3350 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(233, 160, 155) }
```

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

```
.border{ border-color:rgb(233, 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(233, 160, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 160, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 160, 155);  
box-shadow:4px 4px 4px 4px rgb(233, 160,  
155) }
```



# Background

The CSS property to change the background color of an element to Yxy 44.8318, 0.3892, 0.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 160, 155) }
```

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

```
.background{ background-color: rgb(233,  
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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