

# Converting Colors

$Yxy(44.0067, 0.3903, 0.3304)$

Have a look what the booklet for  
Yxy(44.0067, 0.3903, 0.3304)  
contains.

<b>Yxy(44.0067, 0.3903, 0.3304)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(44.0067, 0.3903, 0.3304)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EA9D9C
RGB	234, 157, 156
RGB Percent	92%, 62%, 61%
CMY	0.0824, 0.3843, 0.3883
CMYK	0.00, 0.33, 0.33, 0.08
HSL	1°, 65%, 76%
HSV	1°, 33%, 92%
XYZ	51.9849, 44.0067, 37.2006
YIQ	179.9090, 46.2130, 16.0130

# Conversions

## Conversions Part 2

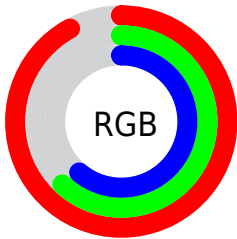
Format	Color
<a href="#">RYB</a>	<a href="#">234, 157, 156</a>
Decimal	<a href="#">15375772</a>
CIELab	<a href="#">72.23, 28.58, 12.31</a>
CIELCh	<a href="#">72, 31.122, 23.297</a>
Yxy	<a href="#">44.0067, 0.3903, 0.3304</a>
Android (android.graphics.Color)	<a href="#">4293565852</a> ( <a href="#">0xFFEA9D9C</a> )
YUV	<a href="#">179.9090, -11.7871, 47.4378</a>
Hunter-Lab	<a href="#">66.3375, 23.7895, 13.1878</a>

# Details

The Yxy color **44.0067, 0.3903, 0.3304** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **71.2603, 0.2652, 0.3276**, and the grayscale version is **45.6372, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.0001, 0.3466, 0.3311**, and **20.3532, 0.4127, 0.3293** is the 20% darker color. If you saturate the color by 10%, you get **36.2014, 0.4263, 0.3309**, and if you desaturate by 10%, it is **53.4453, 0.3608, 0.3300**.

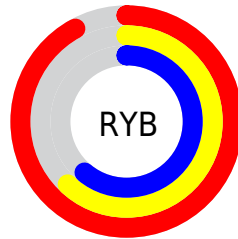
# Distribution



Red (92%)

Green (62%)

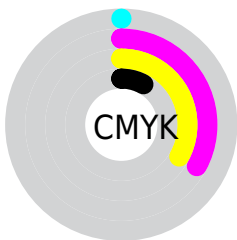
Blue (61%)



Red (92%)

Yellow (62%)

Blue (61%)

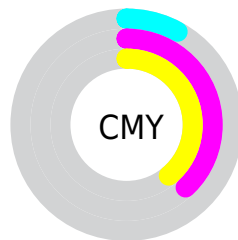


Cyan (0%)

Magenta (33%)

Yellow (33%)

Black (8%)



Cyan (8%)

Magenta (38%)


Yellow (39%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 44.0067, 0.3903, 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 44.0067, 0.3903, 0.3304 by changing the saturation by 10% instead.




 44.0067, 0.3903,  
0.3304

 44.0067, 0.3903,  
0.3304


362.7356, 0.3507,  
0.3307

 30.6758, 0.4004,  
0.3300


 81.2278, 0.3758,  
0.3308

 20.3521, 0.4134,  
0.3293


 105.8868, 0.3704,  
0.3308

 12.6512, 0.4308,  
0.3280


135.0906, 0.3658,  
0.3308

 7.1888, 0.4553,  
0.3255

169.2236, 0.3619,  
0.3308

 3.5805, 0.4920,  
0.3204

208.6702, 0.3586,  
0.3308

 1.4418, 0.5566,  
0.3110

253.8148, 0.3556,

 0.2472, 0.7911,

0.3308

0.2089

305.0418, 0.3530,  
0.3308

0.0000, 0.0000,  
0.0000

44.0067, 0.3903,  
0.3304

44.0067, 0.3903,  
0.3304

36.2014, 0.4263,  
0.3309

53.4453, 0.3608,  
0.3300

29.9309, 0.4688,  
0.3312

64.5957, 0.3371,  
0.3295

25.0960, 0.5160,  
0.3315

77.5393, 0.3181,  
0.3291

21.5831, 0.5633,  
0.3315

92.3499, 0.3030,  
0.3288

19.2615, 0.6037,  
0.3312

96.2300, 0.2999,  
0.3290

■ 17.9743, 0.6300,  
0.3307

■ 17.5569, 0.6394,  
0.3305

# Harmonies

## Analogous

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



44.0067, 0.3565, 0.2967



44.0067, 0.3903, 0.3304



44.0067, 0.4013, 0.3659

# Triad

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



44.0067, 0.3903, 0.3304



44.0067, 0.3087, 0.3981



44.0067, 0.2418, 0.2618

# Complementary

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



44.0067, 0.3903, 0.3304



71.2603, 0.2652, 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.



44.0067, 0.2313, 0.2829



44.0067, 0.3903, 0.3304



44.0067, 0.2680, 0.3637

# Square

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



44.0067, 0.3903, 0.3304



44.0067, 0.3523, 0.4091



44.0067, 0.2404, 0.3198



44.0067, 0.2702, 0.2583



# Rectangle

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



44.0067, 0.3903, 0.3304



44.0067, 0.3942, 0.3868



44.0067, 0.2404, 0.3198



44.0067, 0.2362, 0.2668

# Sweetspot

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



44.0088, 0.3903, 0.3304



83.4475, 0.3304, 0.3294



47.2023, 0.3166, 0.2463



17.4020, 0.3332, 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.



44.0088, 0.3903, 0.3304



46.7848, 0.4143, 0.3307



58.9139, 0.3761, 0.3728



15.0858, 0.3293, 0.3294



9.8816, 0.6391, 0.3308



0.7872, 0.6364, 0.3329



# Inverse Universe

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



71.2603, 0.2652, 0.3276



84.6579, 0.2572, 0.3273



52.0304, 0.2592, 0.2806



17.0858, 0.2981, 0.3286



35.4442, 0.2236, 0.3248



2.7942, 0.2237, 0.3253



# Previews

## White Background



This preview shows how the Yxy color 44.0067, 0.3903, 0.3304 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

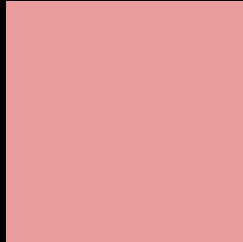
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 44.0067, 0.3903, 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 44.0067, 0.3903, 0.3304**

## Background



This preview shows how black text looks on a background with the Yxy color 44.0067, 0.3903, 0.3304.



This preview shows how white text looks on a background with the Yxy color 44.0067, 0.3903, 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

44.0067, 0.3903, 0.3304

### Protanopia

44.2647, 0.3271, 0.3437

### Deuteranopia

44.1222, 0.3585, 0.3520



## Tritanopia

43.8949, 0.3807, 0.3156

# Trichromacy



## Original Color

44.0067, 0.3903, 0.3304

## Protanomaly

43.9146, 0.3496, 0.3393

## Deuteranomaly

43.9017, 0.3697, 0.3439

## Tritanomaly

44.0834, 0.3845, 0.3213

# Monochromacy



## Original Color

44.0067, 0.3903, 0.3304

## Achromatopsia

45.6411, 0.3127, 0.3290

## Achromatomaly

44.7247, 0.3392, 0.3303

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 44.0067, 0.3903, 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(234, 157, 156)` looks like.

```
.text, #text, p{  
    color:rgb(234, 157, 156)  
}
```

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(234, 157, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 157, 156) }
```

## Border

The CSS property to change the border of an element to Yxy 44.0067, 0.3903, 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(234, 157, 156) }
```

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

```
.border{ border-color:rgb(234, 157, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 157, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 157, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 157, 156);  
box-shadow:4px 4px 4px 4px rgb(234, 157,  
156) }
```



# Background

The CSS property to change the background color of an element to Yxy 44.0067, 0.3903, 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(234, 157, 156) }
```

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

```
.background{ background-color: rgb(234,  
157, 156) }
```

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