

# Converting Colors

$Yxy(43.1642, 0.3799, 0.3292)$

Have a look what the booklet for  
Yxy(43.1642, 0.3799, 0.3292)  
contains.

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# Color

**Yxy(43.0911, 0.3802, 0.3292)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E29E9E
RGB	226, 158, 158
RGB Percent	89%, 62%, 62%
CMY	0.1136, 0.3804, 0.3804
CMYK	0.00, 0.30, 0.30, 0.11
HSL	0°, 54%, 75%
HSV	0°, 30%, 89%
XYZ	49.7668, 43.0911, 38.0385
YIQ	178.3320, 40.5280, 14.4160

# Conversions

## Conversions Part 2

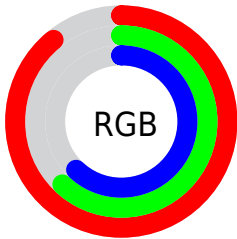
Format	Color
R <sub>Y</sub> B	226, 158, 158
Decimal	14851742
CIE Lab	71.62, 25.34, 10.20
CIE LCh	72, 27.318, 21.934
Yxy	43.0911, 0.3802, 0.3292
Android (android.graphics.Color)	4293041822 (0xFFE29E9E)
YUV	178.3320, -10.0237, 41.8048
Hunter-Lab	65.6438, 20.4503, 11.5940

# Details

The Yxy color **43.0911, 0.3802, 0.3292** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **67.1630, 0.2695, 0.3289**, and the grayscale version is **44.7450, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.6526, 0.3443, 0.3291**, and **19.8046, 0.3999, 0.3277** is the 20% darker color. If you saturate the color by 10%, you get **35.3711, 0.4142, 0.3293**, and if you desaturate by 10%, it is **52.3761, 0.3526, 0.3291**.

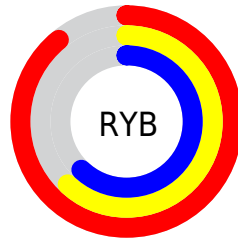
# Distribution



Red (89%)

Green (62%)

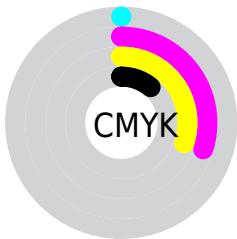
Blue (62%)



Red (89%)

Yellow (62%)

Blue (62%)

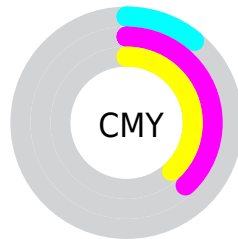


Cyan (0%)

Magenta (30%)

Yellow (30%)

Black (11%)



Cyan (11%)

Magenta (38%)


Yellow (38%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 43.0911, 0.3802, 0.3292 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 43.0911, 0.3802, 0.3292 by changing the saturation by 10% instead.




 43.0911, 0.3802,  
0.3292


 43.0911, 0.3802,  
0.3292


358.9863, 0.3457,  
0.3299

 29.9566, 0.3890,  
0.3288


 79.8483, 0.3675,  
0.3296

 19.8056, 0.4005,  
0.3281


 104.2398, 0.3628,  
0.3297

 12.2538, 0.4159,  
0.3269


133.1525, 0.3588,  
0.3298

 6.9168, 0.4377,  
0.3248

166.9706, 0.3554,  
0.3298

 3.4101, 0.4708,  
0.3204

206.0787, 0.3525,  
0.3299

 1.3494, 0.5292,  
0.3120

250.8610, 0.3499,

 0.1790, 0.8150,

0.3299

0.1850

301.7021, 0.3477,  
0.3299

0.0000, 0.0000,  
0.0000

43.0911, 0.3802,  
0.3292

43.0911, 0.3802,  
0.3292

35.3711, 0.4142,  
0.3293

52.3761, 0.3526,  
0.3291

29.1242, 0.4550,  
0.3294

63.2991, 0.3305,  
0.3291

24.2586, 0.5013,  
0.3296

75.9359, 0.3129,  
0.3290

20.6697, 0.5494,  
0.3297

90.3558, 0.2988,  
0.3290

18.2377, 0.5929,  
0.3298

94.9122, 0.2952,  
0.3289

■ 16.8205, 0.6240,  
0.3299

■ 16.1725, 0.6401,  
0.3300

# Harmonies

## Analogous

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



43.0911, 0.3498, 0.2991



43.0911, 0.3802, 0.3292



43.0911, 0.3911, 0.3610

# Triad

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



43.0911, 0.3802, 0.3292



43.0911, 0.3113, 0.3905



43.0911, 0.2487, 0.2698

# Complementary

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



43.0911, 0.3802, 0.3292



67.1630, 0.2695, 0.3289

# 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.



43.0911, 0.2401, 0.2897



43.0911, 0.3802, 0.3292



43.0911, 0.2747, 0.3612

# Square

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



43.0911, 0.3802, 0.3292



43.0911, 0.3498, 0.3995



43.0911, 0.2492, 0.3230



43.0911, 0.2736, 0.2657



# Rectangle

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



43.0911, 0.3802, 0.3292



43.0911, 0.3857, 0.3796



43.0911, 0.2492, 0.3230



43.0911, 0.2439, 0.2747

# Sweetspot

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



43.0931, 0.3802, 0.3292



84.8311, 0.3285, 0.3290



46.1157, 0.3162, 0.2544



17.6702, 0.3313, 0.3291



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.



43.0931, 0.3802, 0.3292



50.1787, 0.4003, 0.3293



56.3430, 0.3686, 0.3683



13.7007, 0.3292, 0.3291



9.2245, 0.6401, 0.3300



0.6394, 0.6401, 0.3300

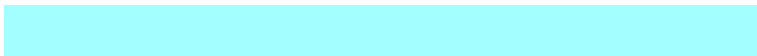


# Inverse Universe

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



67.1630, 0.2695, 0.3289



86.5446, 0.2620, 0.3288



50.4630, 0.2646, 0.2861



15.5723, 0.2982, 0.3290



34.1601, 0.2247, 0.3287

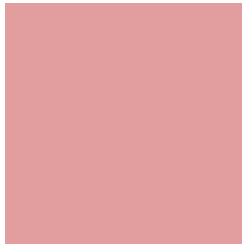


2.3678, 0.2247, 0.3287



# Previews

## White Background



This preview shows how the Yxy color 43.0911, 0.3802, 0.3292 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

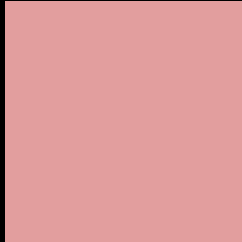
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 43.0911, 0.3802, 0.3292 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 43.0911, 0.3802, 0.3292**

## **Background**



This preview shows how black text looks on a background with the Yxy color 43.0911, 0.3802, 0.3292.



This preview shows how white text looks on a background with the Yxy color 43.0911, 0.3802, 0.3292.

# 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

43.0911, 0.3802, 0.3292

### Protanopia

43.2737, 0.3247, 0.3398

### Deuteranopia

43.0556, 0.3535, 0.3458



## Tritanopia

42.9350, 0.3717, 0.3152

# Trichromacy



## Original Color

43.0911, 0.3802, 0.3292

## Protanomaly

42.9266, 0.3433, 0.3355

## Deuteranomaly

42.8999, 0.3623, 0.3391

## Tritanomaly

43.1252, 0.3754, 0.3210

# Monochromacy



## Original Color

43.0911, 0.3802, 0.3292

## Achromatopsia

44.5201, 0.3127, 0.3290

## Achromatomaly

43.6682, 0.3347, 0.3291

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 43.0911, 0.3802, 0.3292 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(226, 158, 158)` looks like.

```
.text, #text, p{  
  color:rgb(226, 158, 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(226, 158, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 158, 158) }
```

## Border

The CSS property to change the border of an element to Yxy 43.0911, 0.3802, 0.3292 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(226, 158, 158) }
```

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

```
.border{ border-color:rgb(226, 158, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 158, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 158, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 158, 158);  
box-shadow:4px 4px 4px 4px rgb(226, 158,  
158) }
```



# Background

The CSS property to change the background color of an element to Yxy 43.0911, 0.3802, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 158, 158) }
```

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

```
.background{ background-color: rgb(226,  
158, 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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