

# Converting Colors

$Yxy(43.9142, 0.3994, 0.3395)$

Have a look what the booklet for  
Yxy(43.9142, 0.3994, 0.3395)  
contains.

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# Color

**Yxy(43.9142, 0.3994, 0.3395)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB9D94
RGB	235, 157, 148
RGB Percent	92%, 62%, 58%
CMY	0.0785, 0.3843, 0.4196
CMYK	0.00, 0.33, 0.37, 0.08
HSL	6°, 68%, 75%
HSV	6°, 37%, 92%
XYZ	51.6622, 43.9142, 33.7732
YIQ	179.2960, 49.3770, 13.7370

# Conversions

## Conversions Part 2

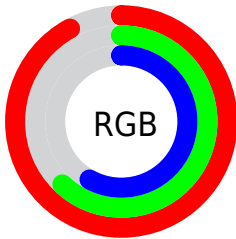
Format	Color
R <sub>Y</sub> B	235, 158, 148
Decimal	15441300
CIE Lab	72.17, 28.00, 16.64
CIE LCh	72, 32.572, 30.712
Yxy	43.9142, 0.3994, 0.3395
Android (android.graphics.Color)	4293631380 (0xFFEB9D94)
YUV	179.2960, -15.4289, 48.8524
Hunter-Lab	66.2678, 23.1896, 16.1705

# Details

The Yxy color **43.9142, 0.3994, 0.3395** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.6840, 0.2595, 0.3180**, and the grayscale version is **45.3110, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.6112, 0.3526, 0.3393**, and **20.3133, 0.4255, 0.3411** is the 20% darker color. If you saturate the color by 10%, you get **36.7209, 0.4354, 0.3422**, and if you desaturate by 10%, it is **52.4920, 0.3693, 0.3366**.

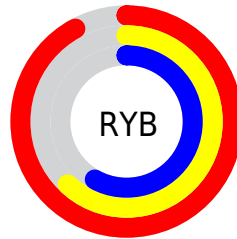
# Distribution



Red (92%)

Green (62%)

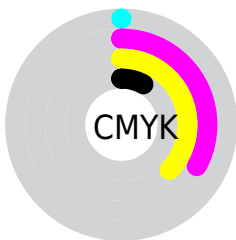
Blue (58%)



Red (92%)

Yellow (62%)

Blue (58%)

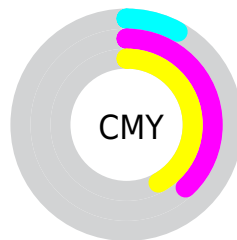


Cyan (0%)

Magenta (33%)

Yellow (37%)

Black (8%)



Cyan (8%)

Magenta (38%)


Yellow (42%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 43.9142, 0.3994, 0.3395 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 43.9142, 0.3994, 0.3395 by changing the saturation by 10% instead.





 43.9142, 0.3994,  
0.3395


 43.9142, 0.3994,  
0.3395


362.3580, 0.3552,  
0.3356

 30.6031, 0.4106,  
0.3400


 81.0886, 0.3832,  
0.3384

 20.2968, 0.4251,  
0.3404


 105.7207, 0.3771,  
0.3379

 12.6110, 0.4445,  
0.3404


134.8952, 0.3720,  
0.3374

 7.1612, 0.4716,  
0.3394

168.9965, 0.3677,  
0.3370

 3.5631, 0.5116,  
0.3359

208.4091, 0.3639,  
0.3366

 1.4323, 0.5937,  
0.3352

253.5173, 0.3606,

 0.2404, 0.7918,

0.3363

0.2082

304.7054, 0.3577,  
0.3359

0.0000, 0.0000,  
0.0000

43.9142, 0.3994,  
0.3395

43.9142, 0.3994,  
0.3395

36.7209, 0.4354,  
0.3422

52.4920, 0.3693,  
0.3366

30.8333, 0.4770,  
0.3442

62.5149, 0.3446,  
0.3336

26.1749, 0.5221,  
0.3451

74.0476, 0.3245,  
0.3308

22.6582, 0.5663,  
0.3441

87.1490, 0.3082,  
0.3283

20.1840, 0.6035,  
0.3411

96.4012, 0.3005,  
0.3290

■ 18.6358, 0.6280,  
0.3365

■ 18.3275, 0.6332,  
0.3355

# Harmonies

## Analogous

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



43.9142, 0.3690, 0.3033



43.9142, 0.3994, 0.3395



43.9142, 0.4041, 0.3759

# Triad

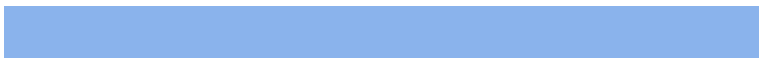
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



43.9142, 0.3994, 0.3395



43.9142, 0.2971, 0.3946



43.9142, 0.2443, 0.2562

# Complementary

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



43.9142, 0.3994, 0.3395



66.6840, 0.2595, 0.3180

# 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.



43.9142, 0.2286, 0.2735



43.9142, 0.3994, 0.3395



43.9142, 0.2572, 0.3541

# Square

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



43.9142, 0.3994, 0.3395



43.9142, 0.3431, 0.4128



43.9142, 0.2330, 0.3084



43.9142, 0.2779, 0.2571



# Rectangle

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



43.9142, 0.3994, 0.3395



43.9142, 0.3924, 0.3961



43.9142, 0.2330, 0.3084



43.9142, 0.2369, 0.2599

# Sweetspot

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



43.9163, 0.3994, 0.3395



83.3147, 0.3321, 0.3319



44.3508, 0.3246, 0.2456



17.4266, 0.3348, 0.3323



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.



43.9163, 0.3994, 0.3395



46.4836, 0.4247, 0.3415



61.2007, 0.3813, 0.3870



15.3047, 0.3290, 0.3315



10.2866, 0.6316, 0.3367



0.8922, 0.6132, 0.3513



# Inverse Universe

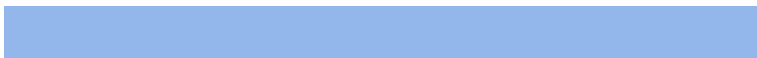
The Inverse Universe completely reimagines the original color for something new.



66.6840, 0.2595, 0.3180



77.3772, 0.2509, 0.3156



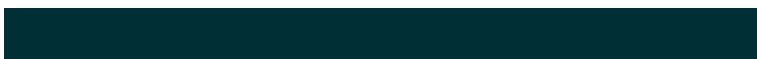
46.0801, 0.2515, 0.2628



16.8400, 0.2981, 0.3265



29.2908, 0.2156, 0.2962



2.3768, 0.2170, 0.3011



# Previews

## White Background



This preview shows how the Yxy color 43.9142, 0.3994, 0.3395 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

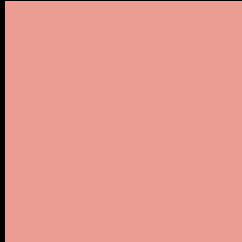
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 43.9142, 0.3994, 0.3395 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 43.9142, 0.3994, 0.3395**

## Background



This preview shows how black text looks on a background with the Yxy color 43.9142, 0.3994, 0.3395.



This preview shows how white text looks on a background with the Yxy color 43.9142, 0.3994, 0.3395.

# 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**

43.9142, 0.3994, 0.3395

**Protanopia**

44.2272, 0.3357, 0.3544

**Deuteranopia**

43.9466, 0.3682, 0.3594



## Tritanopia

43.8689, 0.3840, 0.3157

# Trichromacy



## Original Color

43.9142, 0.3994, 0.3395

## Protanomaly

43.7791, 0.3579, 0.3495

## Deuteranomaly

43.7686, 0.3797, 0.3511

## Tritanomaly

43.7788, 0.3899, 0.3247

# Monochromacy



## Original Color

43.9142, 0.3994, 0.3395

## Achromatopsia

45.0786, 0.3127, 0.3290

## Achromatomaly

44.0951, 0.3411, 0.3329

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 43.9142, 0.3994, 0.3395 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(235, 157, 148)` looks like.

```
.text, #text, p{  
    color:rgb(235, 157, 148)  
}
```

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(235, 157, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 157, 148) }
```

## Border

The CSS property to change the border of an element to Yxy 43.9142, 0.3994, 0.3395 is called "border". The border property can be set on classes, ids or directly on the HTML element.

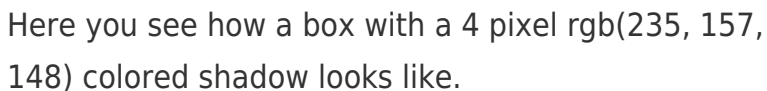
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 157, 148) }
```

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

```
.border{ border-color:rgb(235, 157, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(235, 157, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 157, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 157, 148);  
box-shadow:4px 4px 4px 4px rgb(235, 157,  
148) }
```



# Background

The CSS property to change the background color of an element to Yxy 43.9142, 0.3994, 0.3395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 157, 148) }
```

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

```
.background{ background-color: rgb(235,  
157, 148) }
```

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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