

# Converting Colors

$Yxy(43.7638, 0.3950, 0.3486)$

Have a look what the booklet for  
Yxy(43.7638, 0.3950, 0.3486)  
contains.

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# Color

**Yxy(43.6492, 0.3954, 0.3480)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4A090
RGB	228, 160, 144
RGB Percent	89%, 63%, 56%
CMY	0.1059, 0.3725, 0.4354
CMYK	0.00, 0.30, 0.37, 0.11
HSL	11°, 61%, 73%
HSV	11°, 37%, 89%
XYZ	49.5945, 43.6492, 32.1850
YIQ	178.5080, 45.6640, 9.4400

# Conversions

## Conversions Part 2

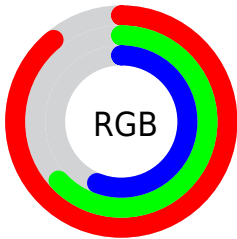
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	228, 164, 144
Decimal	14983312
CIE Lab	71.99, 23.25, 18.49
CIE LCh	72, 29.704, 38.485
Yxy	43.6492, 0.3954, 0.3480
Android (android.graphics.Color)	4293173392 (0xFFE4A090)
YUV	178.5080, -17.0124, 43.4045
Hunter-Lab	66.0675, 18.3753, 17.3640

# Details

The Yxy color **43.6492, 0.3954, 0.3480** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.5854, 0.2584, 0.3088**, and the grayscale version is **44.8780, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.9381, 0.3549, 0.3465**, and **20.1912, 0.4199, 0.3507** is the 20% darker color. If you saturate the color by 10%, you get **37.0948, 0.4288, 0.3530**, and if you desaturate by 10%, it is **51.2974, 0.3671, 0.3427**.

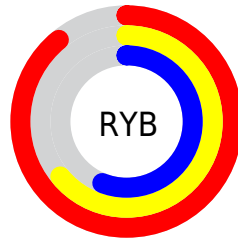
# Distribution



Red (89%)

Green (63%)

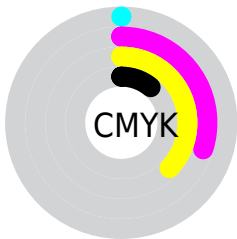
Blue (56%)



Red (89%)

Yellow (64%)

Blue (56%)

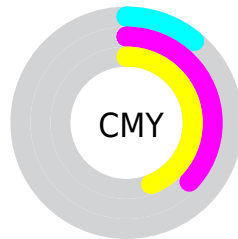


Cyan (0%)

Magenta (30%)

Yellow (37%)

Black (11%)



Cyan (11%)

Magenta (37%)


Yellow (44%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 43.6492, 0.3954, 0.3480 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 43.6492, 0.3954, 0.3480 by changing the saturation by 10% instead.





 43.6492, 0.3954,  
0.3480

 43.6492, 0.3954,  
0.3480

361.2748, 0.3532,  
0.3398

 30.3948, 0.4061,  
0.3496


 80.6896, 0.3799,  
0.3453

 20.1385, 0.4200,  
0.3514


 105.2444, 0.3741,  
0.3442

 12.4957, 0.4384,  
0.3533


134.3349, 0.3693,  
0.3433

 7.0822, 0.4642,  
0.3548

168.3453, 0.3651,  
0.3424

 3.5136, 0.5023,  
0.3548

207.6601, 0.3615,  
0.3416

 1.4054, 0.5925,  
0.3674

252.6637, 0.3584,

 0.2207, 0.7789,

0.3409

0.2211

303.7405, 0.3556,  
0.3403

0.0000, 0.0000,  
0.0000

43.6492, 0.3954,  
0.3480

43.6492, 0.3954,  
0.3480

37.0948, 0.4288,  
0.3530

51.2974, 0.3671,  
0.3427

31.5776, 0.4670,  
0.3570

60.0799, 0.3435,  
0.3373

27.0458, 0.5086,  
0.3591

70.0430, 0.3240,  
0.3323

23.4399, 0.5502,  
0.3585

81.2283, 0.3080,  
0.3276

20.6942, 0.5871,  
0.3544

93.4831, 0.2963,  
0.3262

■ 18.7330, 0.6143,  
0.3472

■ 95.2316, 0.2964,  
0.3290

■ 18.2586, 0.6212,  
0.3450

# Harmonies

## Analogous

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



43.6492, 0.3732, 0.3139



43.6492, 0.3954, 0.3480



43.6492, 0.3934, 0.3802

# Triad

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



43.6492, 0.3954, 0.3480



43.6492, 0.2882, 0.3805



43.6492, 0.2565, 0.2607

# Complementary

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



43.6492, 0.3954, 0.3480



58.5854, 0.2584, 0.3088

# 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.



43.6492, 0.2373, 0.2725



43.6492, 0.3954, 0.3480



43.6492, 0.2545, 0.3410

# Square

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



43.6492, 0.3954, 0.3480



43.6492, 0.3300, 0.4034



43.6492, 0.2366, 0.3009



43.6492, 0.2911, 0.2655



# Rectangle

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



43.6492, 0.3954, 0.3480



43.6492, 0.3791, 0.3964



43.6492, 0.2366, 0.3009



43.6492, 0.2482, 0.2627

# Sweetspot

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



43.6513, 0.3954, 0.3480



84.6892, 0.3318, 0.3344



41.2126, 0.3309, 0.2530



17.7515, 0.3345, 0.3351



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.



43.6513, 0.3954, 0.3480



49.8690, 0.4197, 0.3518



60.4556, 0.3780, 0.3940



14.8111, 0.3288, 0.3336



10.6733, 0.6189, 0.3468



0.9152, 0.5919, 0.3683

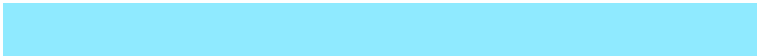


# Inverse Universe

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



58.5854, 0.2584, 0.3088



71.6452, 0.2489, 0.3041



40.4934, 0.2506, 0.2538



15.8439, 0.2981, 0.3244



23.3064, 0.2075, 0.2668



1.8430, 0.2103, 0.2769



# Previews

## White Background



This preview shows how the Yxy color 43.6492, 0.3954, 0.3480 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

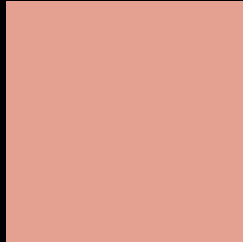
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 43.6492, 0.3954, 0.3480 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

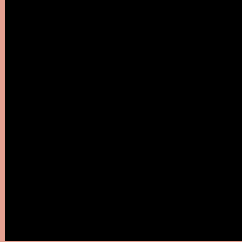
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 43.6492, 0.3954, 0.3480**

## Background



This preview shows how black text looks on a background with the Yxy color 43.6492, 0.3954, 0.3480.



This preview shows how white text looks on a background with the Yxy color 43.6492, 0.3954, 0.3480.

# 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

43.6492, 0.3954, 0.3480

### Protanopia

43.7568, 0.3420, 0.3611

### Deuteranopia

43.8243, 0.3719, 0.3645



## Tritanopia

43.4271, 0.3746, 0.3153

# Trichromacy



**Original Color**

43.6492, 0.3954, 0.3480

**Protanomaly**

43.3369, 0.3606, 0.3561

**Deuteranomaly**

43.5517, 0.3803, 0.3575

**Tritanomaly**

43.2752, 0.3824, 0.3269

# Monochromacy



**Original Color**

43.6492, 0.3954, 0.3480

**Achromatopsia**

45.0786, 0.3127, 0.3290

**Achromatomaly**

44.1285, 0.3408, 0.3368

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 43.6492, 0.3954, 0.3480 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(228, 160, 144)` looks like.

```
.text, #text, p{  
    color:rgb(228, 160, 144)  
}
```

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(228, 160, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 160, 144) }
```

## Border

The CSS property to change the border of an element to Yxy 43.6492, 0.3954, 0.3480 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(228, 160, 144) }
```

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

```
.border{ border-color:rgb(228, 160, 144) }
```

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

Here you see how a box with a 4 pixel rgb(228, 160, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 160, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 160, 144);  
box-shadow:4px 4px 4px 4px rgb(228, 160,  
144) }
```



# Background

The CSS property to change the background color of an element to Yxy 43.6492, 0.3954, 0.3480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 160, 144) }
```

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

```
.background{ background-color: rgb(228,  
160, 144) }
```

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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