

# Converting Colors

$Yxy(44.6186, 0.3723, 0.3339)$

Have a look what the booklet for  
Yxy(44.6186, 0.3723, 0.3339)  
contains.

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# Color

**Yxy(44.6186, 0.3723, 0.3339)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEA4A0
RGB	222, 164, 160
RGB Percent	87%, 64%, 63%
CMY	0.1294, 0.3569, 0.3724
CMYK	0.00, 0.26, 0.28, 0.13
HSL	4°, 48%, 75%
HSV	4°, 28%, 87%
XYZ	49.7499, 44.6186, 39.2601
YIQ	180.8860, 35.8520, 11.0520

# Conversions

## Conversions Part 2

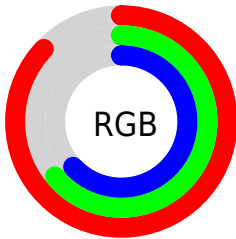
Format	Color
RYB	222, 164, 160
Decimal	14591136
CIELab	72.64, 20.88, 10.48
CIELCh	73, 23.365, 26.641
Yxy	44.6186, 0.3723, 0.3339
Android (android.graphics.Color)	4292781216 (0xFFDEA4A0)
YUV	180.8860, -10.2968, 36.0570
Hunter-Lab	66.7972, 16.0502, 11.9103

# Details

The Yxy color **44.6186, 0.3723, 0.3339** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **62.9177, 0.2718, 0.3240**, and the grayscale version is **46.1881, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.8293, 0.3418, 0.3331**, and **20.7995, 0.3898, 0.3340** is the 20% darker color. If you saturate the color by 10%, you get **37.0719, 0.4035, 0.3357**, and if you desaturate by 10%, it is **53.5233, 0.3468, 0.3321**.

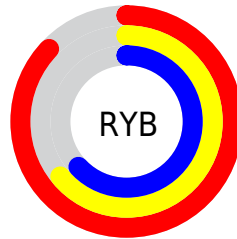
# Distribution



Red (87%)

Green (64%)

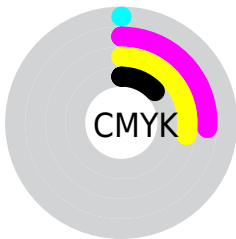
Blue (63%)



Red (87%)

Yellow (64%)

Blue (63%)

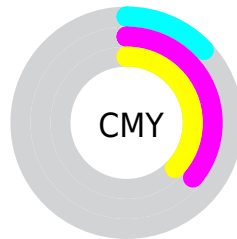


Cyan (0%)

Magenta (26%)

Yellow (28%)

Black (13%)



Cyan (13%)

Magenta (36%)


Yellow (37%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 44.6186, 0.3723, 0.3339 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 44.6186, 0.3723, 0.3339 by changing the saturation by 10% instead.




 44.6186, 0.3723,  
0.3339


 44.6186, 0.3723,  
0.3339


365.2267, 0.3420,  
0.3321

 31.1571, 0.3800,  
0.3342


 82.1478, 0.3612,  
0.3334

 20.7185, 0.3900,  
0.3344


 106.9843, 0.3570,  
0.3331

 12.9184, 0.4033,  
0.3344


136.3812, 0.3536,  
0.3329

 7.3724, 0.4222,  
0.3341

170.7230, 0.3506,  
0.3327

 3.6961, 0.4506,  
0.3326

210.3941, 0.3480,  
0.3325

 1.5050, 0.4989,  
0.3284

255.7788, 0.3457,

 0.2923, 0.7294,

0.3324

0.2706

307.2615, 0.3438,  
0.3322

0.0000, 0.0000,  
0.0000

44.6186, 0.3723,  
0.3339

44.6186, 0.3723,  
0.3339

37.0719, 0.4035,  
0.3357

53.5233, 0.3468,  
0.3321

30.8107, 0.4410,  
0.3374

63.8417, 0.3262,  
0.3303

25.7652, 0.4842,  
0.3386

75.6336, 0.3095,  
0.3287

21.8563, 0.5305,  
0.3390

88.9539, 0.2961,  
0.3272

18.9957, 0.5751,  
0.3382

94.2719, 0.2929,  
0.3289

■ 17.0821, 0.6111,  
0.3361

■ 15.9922, 0.6330,  
0.3332

■ 15.8518, 0.6363,  
0.3330

# Harmonies

## Analogous

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



44.6186, 0.3489, 0.3073



44.6186, 0.3723, 0.3339



44.6186, 0.3786, 0.3607

# Triad

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



44.6186, 0.3723, 0.3339



44.6186, 0.3066, 0.3775



44.6186, 0.2606, 0.2772

# Complementary

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



44.6186, 0.3723, 0.3339



62.9177, 0.2718, 0.3240

# 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.



44.6186, 0.2509, 0.2925



44.6186, 0.3723, 0.3339



44.6186, 0.2764, 0.3513

# Square

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



44.6186, 0.3723, 0.3339



44.6186, 0.3396, 0.3883



44.6186, 0.2564, 0.3193



44.6186, 0.2840, 0.2755



# Rectangle

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



44.6186, 0.3723, 0.3339



44.6186, 0.3723, 0.3755



44.6186, 0.2564, 0.3193



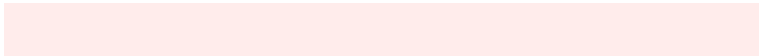
44.6186, 0.2557, 0.2808

# Sweetspot

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



44.6207, 0.3723, 0.3339



87.1719, 0.3264, 0.3303



45.7932, 0.3186, 0.2630



18.1736, 0.3293, 0.3306



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.



44.6207, 0.3723, 0.3339



54.3130, 0.3914, 0.3351



56.7082, 0.3628, 0.3688



13.8406, 0.3290, 0.3306



9.4698, 0.6352, 0.3339



0.7067, 0.6215, 0.3448



# Inverse Universe

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



62.9177, 0.2718, 0.3240



83.6070, 0.2636, 0.3228



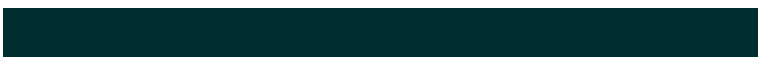
48.6842, 0.2679, 0.2856



15.4141, 0.2982, 0.3274



29.9291, 0.2192, 0.3090



2.1206, 0.2201, 0.3123



# Previews

## White Background



This preview shows how the Yxy color 44.6186, 0.3723, 0.3339 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

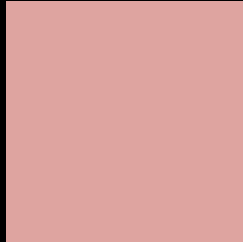
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 44.6186, 0.3723, 0.3339 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 44.6186, 0.3723, 0.3339**

## Background



This preview shows how black text looks on a background with the Yxy color 44.6186, 0.3723, 0.3339.



This preview shows how white text looks on a background with the Yxy color 44.6186, 0.3723, 0.3339.

# 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

44.6186, 0.3723, 0.3339

### Protanopia

44.8212, 0.3271, 0.3436

### Deuteranopia

44.7048, 0.3528, 0.3456



## Tritanopia

44.7439, 0.3612, 0.3151

# Trichromacy



## Original Color

44.6186, 0.3723, 0.3339

## Protanomaly

44.5732, 0.3434, 0.3406

## Deuteranomaly

44.5808, 0.3602, 0.3415

## Tritanomaly

44.7469, 0.3648, 0.3221

# Monochromacy



## Original Color

44.6186, 0.3723, 0.3339

## Achromatopsia

46.2077, 0.3127, 0.3290

## Achromatomaly

45.4128, 0.3333, 0.3316

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 44.6186, 0.3723, 0.3339 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(222, 164, 160)` looks like.

```
.text, #text, p{  
    color:rgb(222, 164, 160)  
}
```

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(222, 164, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 164, 160) }
```

## Border

The CSS property to change the border of an element to Yxy 44.6186, 0.3723, 0.3339 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(222, 164, 160) }
```

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

```
.border{ border-color:rgb(222, 164, 160) }
```

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

Here you see how a box with a 4 pixel rgb(222, 164, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 164, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 164, 160);  
box-shadow:4px 4px 4px 4px rgb(222, 164,  
160) }
```



# Background

The CSS property to change the background color of an element to Yxy 44.6186, 0.3723, 0.3339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 164, 160) }
```

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

```
.background{ background-color: rgb(222,  
164, 160) }
```

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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