

# Converting Colors

$Yxy(47.3474, 0.3860, 0.3587)$

Have a look what the booklet for  
Yxy(47.3474, 0.3860, 0.3587)  
contains.

<b>Yxy(47.2087, 0.3859, 0.3586)</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(47.2087, 0.3859, 0.3586)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1AB92
RGB	225, 171, 146
RGB Percent	88%, 67%, 57%
CMY	0.1177, 0.3294, 0.4274
CMYK	0.00, 0.24, 0.35, 0.12
HSL	19°, 57%, 73%
HSV	19°, 35%, 88%
XYZ	50.8027, 47.2087, 33.6359
YIQ	184.2960, 40.2090, 3.6730

# Conversions

## Conversions Part 2

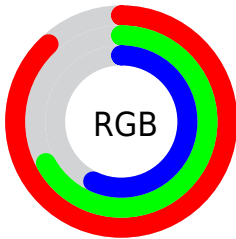
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	225, 183, 146
Decimal	14789522
CIE <sub>Lab</sub>	74.32, 16.45, 20.53
CIE <sub>LCh</sub>	74, 26.308, 51.291
Yxy	47.2087, 0.3859, 0.3586
Android (android.graphics.Color)	4292979602 (0xFFE1AB92)
YUV	184.2960, -18.8799, 35.6974
Hunter-Lab	68.7086, 11.7417, 19.0710

# Details

The Yxy color  $47.2087, 0.3859, 0.3586$  is a light color, and the websafe version is hex  $CC9999$ . A complement of this color would be  $52.8613, 0.2591, 0.2970$ , and the grayscale version is  $48.1964, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $79.8228, 0.3512, 0.3554$ , and  $22.3447, 0.4068, 0.3664$  is the 20% darker color. If you saturate the color by 10%, you get  $41.1013, 0.4151, 0.3670$ , and if you desaturate by 10%, it is  $54.1346, 0.3606, 0.3498$ .

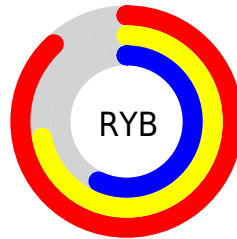
# Distribution



Red (88%)

Green (67%)

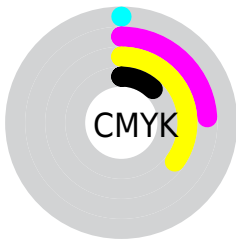
Blue (57%)



Red (88%)

Yellow (72%)

Blue (57%)

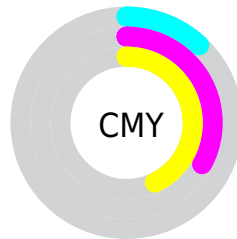


Cyan (0%)

Magenta (24%)

Yellow (35%)

Black (12%)



Cyan (12%)

Magenta (33%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 47.2087, 0.3859, 0.3586 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 47.2087, 0.3859, 0.3586 by changing the saturation by 10% instead.





 47.2087, 0.3859,  
0.3586

 47.2087, 0.3859,  
0.3586


375.6470, 0.3491,  
0.3449

 33.2007, 0.3951,  
0.3616


 86.0251, 0.3725,  
0.3539

 22.2802, 0.4068,  
0.3652

 111.6022, 0.3675,  
0.3521

 14.0629, 0.4223,  
0.3696


141.8045, 0.3632,  
0.3505

 8.1645, 0.4436,  
0.3748

177.0163, 0.3596,  
0.3491

 4.2004, 0.4744,  
0.3805

217.6221, 0.3565,  
0.3479

 1.7863, 0.5384,  
0.3969

264.0062, 0.3537,

 0.4786, 0.6416,

0.3468

0.3584

316.5530, 0.3513,  
0.3458

0.0000, 0.0000,  
0.0000

47.2087, 0.3859,  
0.3586

47.2087, 0.3859,  
0.3586

41.1013, 0.4151,  
0.3670

54.1346, 0.3606,  
0.3498

35.7744, 0.4481,  
0.3744

61.9016, 0.3391,  
0.3412

31.1970, 0.4838,  
0.3796

70.5400, 0.3209,  
0.3330

27.3330, 0.5202,  
0.3814

80.0762, 0.3055,  
0.3253

24.1430, 0.5543,  
0.3786

90.3071, 0.2945,  
0.3218

■ 21.5827, 0.5826,  
0.3711

■ 94.7469, 0.2946,  
0.3289

■ 20.5370, 0.5943,  
0.3663

# Harmonies

## Analogous

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



47.2087, 0.3753, 0.3287



47.2087, 0.3859, 0.3586



47.2087, 0.3756, 0.3832

# Triad

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



47.2087, 0.3859, 0.3586



47.2087, 0.2779, 0.3597



47.2087, 0.2755, 0.2695

# Complementary

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



47.2087, 0.3859, 0.3586



52.8613, 0.2591, 0.2970

# 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.



47.2087, 0.2524, 0.2738



47.2087, 0.3859, 0.3586



47.2087, 0.2536, 0.3243

# Square

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



47.2087, 0.3859, 0.3586



47.2087, 0.3123, 0.3866



47.2087, 0.2446, 0.2929



47.2087, 0.3097, 0.2793



# Rectangle

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



47.2087, 0.3859, 0.3586



47.2087, 0.3587, 0.3928



47.2087, 0.2446, 0.2929



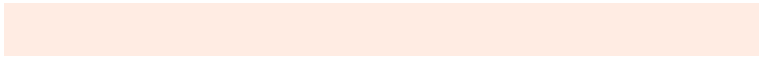
47.2087, 0.2663, 0.2693

# Sweetspot

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



47.2109, 0.3859, 0.3586



86.6933, 0.3314, 0.3378



40.8018, 0.3386, 0.2662



18.2264, 0.3339, 0.3390



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.



47.2109, 0.3859, 0.3586



56.7628, 0.4065, 0.3647



63.7822, 0.3710, 0.4005



14.4047, 0.3284, 0.3365



12.0206, 0.5915, 0.3686



0.9904, 0.5612, 0.3926



# Inverse Universe

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



52.8613, 0.2591, 0.2970



65.2803, 0.2487, 0.2893



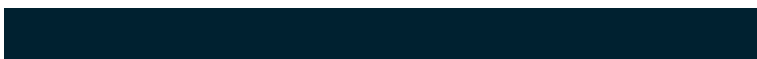
37.3240, 0.2521, 0.2454



14.8026, 0.2982, 0.3214



16.6335, 0.1952, 0.2227



1.3116, 0.2003, 0.2410



# Previews

## White Background



This preview shows how the Yxy color 47.2087, 0.3859, 0.3586 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 47.2087, 0.3859, 0.3586 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

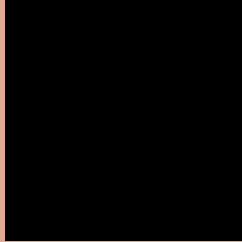
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 47.2087, 0.3859, 0.3586**

## Background



This preview shows how black text looks on a background with the Yxy color 47.2087, 0.3859, 0.3586.



This preview shows how white text looks on a background with the Yxy color 47.2087, 0.3859, 0.3586.

# 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

47.2087, 0.3859, 0.3586

### Protanopia

47.4714, 0.3468, 0.3692

### Deuteranopia

47.3911, 0.3745, 0.3670



## Tritanopia

47.0211, 0.3592, 0.3141

# Trichromacy



**Original Color**

47.2087, 0.3859, 0.3586

**Protanomaly**

47.4213, 0.3607, 0.3654

**Deuteranomaly**

47.2219, 0.3790, 0.3641

**Tritanomaly**

47.1262, 0.3691, 0.3303

# Monochromacy



**Original Color**

47.2087, 0.3859, 0.3586

**Achromatopsia**

47.9320, 0.3127, 0.3290

**Achromatomaly**

47.2846, 0.3379, 0.3404

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 47.2087, 0.3859, 0.3586 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(225, 171, 146)` looks like.

```
.text, #text, p{  
    color:rgb(225, 171, 146)  
}
```

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(225, 171, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 171, 146) }
```

## Border

The CSS property to change the border of an element to Yxy 47.2087, 0.3859, 0.3586 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(225, 171, 146) }
```

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

```
.border{ border-color:rgb(225, 171, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 171, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 171, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 171, 146);  
box-shadow:4px 4px 4px 4px rgb(225, 171,  
146) }
```



# Background

The CSS property to change the background color of an element to Yxy 47.2087, 0.3859, 0.3586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 171, 146) }
```

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

```
.background{ background-color: rgb(225,  
171, 146) }
```

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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