

# Converting Colors

$Yxy(45.5741, 0.3808, 0.3572)$

Have a look what the booklet for  
Yxy(45.5741, 0.3808, 0.3572)  
contains.

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# Color

**Yxy(45.5113, 0.3810, 0.3569)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBA992
RGB	219, 169, 146
RGB Percent	86%, 66%, 57%
CMY	0.1413, 0.3372, 0.4274
CMYK	0.00, 0.23, 0.33, 0.14
HSL	19°, 50%, 72%
HSV	19°, 33%, 86%
XYZ	48.5845, 45.5113, 33.4226
YIQ	181.3280, 37.1830, 3.4470

# Conversions

## Conversions Part 2

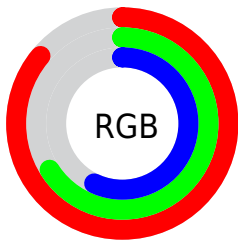
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	219, 180, 146
Decimal	14395794
CIE Lab	73.23, 15.18, 18.93
CIE LCh	73, 24.263, 51.266
Yxy	45.5113, 0.3810, 0.3569
Android (android.graphics.Color)	4292585874 (0xFFDBA992)
YUV	181.3280, -17.4167, 33.0383
Hunter-Lab	67.4621, 10.4926, 17.8495

# Details

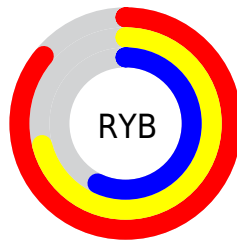
The Yxy color **45.5113, 0.3810, 0.3569** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.6919, 0.2618, 0.2990**, and the grayscale version is **46.4769, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.7414, 0.3516, 0.3535**, and **21.3353, 0.4018, 0.3643** is the 20% darker color. If you saturate the color by 10%, you get **39.6326, 0.4095, 0.3654**, and if you desaturate by 10%, it is **52.1646, 0.3565, 0.3482**.

# Distribution



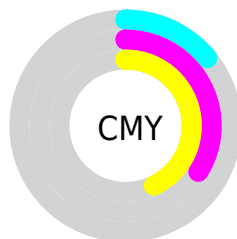
- Red (86%)
- Green (66%)
- Blue (57%)



- Red (86%)
- Yellow (71%)
- Blue (57%)



- Cyan (0%)
- Magenta (23%)
- Yellow (33%)
- Black (14%)




- Cyan (14%)
- Magenta (34%)
- Yellow (43%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 45.5113, 0.3810, 0.3569 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 45.5113, 0.3810, 0.3569 by changing the saturation by 10% instead.





 45.5113, 0.3810,  
0.3569


 45.5113, 0.3810,  
0.3569


368.8404, 0.3465,  
0.3438

 31.8604, 0.3897,  
0.3598


 83.4871, 0.3684,  
0.3524

 21.2549, 0.4009,  
0.3634


 108.5808, 0.3637,  
0.3506

 13.3104, 0.4157,  
0.3678


138.2575, 0.3597,  
0.3491

 7.6427, 0.4363,  
0.3731

172.9017, 0.3563,  
0.3478

 3.8672, 0.4665,  
0.3792

212.8976, 0.3533,  
0.3466

 1.5995, 0.5334,  
0.3989

258.6298, 0.3507,

 0.3573, 0.6653,

0.3456

0.3347

310.4826, 0.3485,  
0.3447

0.0000, 0.0000,  
0.0000

45.5113, 0.3810,  
0.3569

45.5113, 0.3810,  
0.3569

39.6326, 0.4095,  
0.3654

52.1646, 0.3565,  
0.3482

34.4931, 0.4417,  
0.3730

59.6134, 0.3356,  
0.3396

30.0639, 0.4770,  
0.3786

67.8859, 0.3179,  
0.3316

26.3118, 0.5136,  
0.3811

77.0068, 0.3031,  
0.3241

23.2004, 0.5484,  
0.3793

86.9676, 0.2908,  
0.3177

■ 20.6892, 0.5780,  
0.3727

■ 93.7960, 0.2911,  
0.3289

■ 19.3169, 0.5943,  
0.3663

# Harmonies

## Analogous

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



45.5113, 0.3710, 0.3289



45.5113, 0.3810, 0.3569



45.5113, 0.3715, 0.3798

# Triad

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



45.5113, 0.3810, 0.3569



45.5113, 0.2802, 0.3577



45.5113, 0.2779, 0.2732

# Complementary

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



45.5113, 0.3810, 0.3569



50.6919, 0.2618, 0.2990

# 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.



45.5113, 0.2562, 0.2774



45.5113, 0.3810, 0.3569



45.5113, 0.2574, 0.3248

# Square

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



45.5113, 0.3810, 0.3569



45.5113, 0.3125, 0.3825



45.5113, 0.2489, 0.2955



45.5113, 0.3100, 0.2823



# Rectangle

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



45.5113, 0.3810, 0.3569



45.5113, 0.3558, 0.3886



45.5113, 0.2489, 0.2955



45.5113, 0.2692, 0.2731

# Sweetspot

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



45.5134, 0.3810, 0.3569



87.8264, 0.3295, 0.3370



39.6528, 0.3369, 0.2695



18.4529, 0.3322, 0.3381



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.



45.5134, 0.3810, 0.3569



58.3241, 0.4006, 0.3629



60.4990, 0.3677, 0.3967



13.7181, 0.3284, 0.3364



11.6309, 0.5916, 0.3685



0.9054, 0.5594, 0.3940

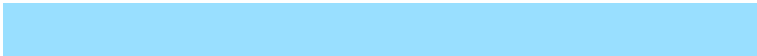


# Inverse Universe

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



50.6919, 0.2618, 0.2990



66.6831, 0.2516, 0.2916



36.5771, 0.2556, 0.2506



14.1010, 0.2982, 0.3215



16.1623, 0.1953, 0.2232



1.1990, 0.2007, 0.2425



# Previews

## White Background



This preview shows how the Yxy color 45.5113, 0.3810, 0.3569 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 45.5113, 0.3810, 0.3569 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

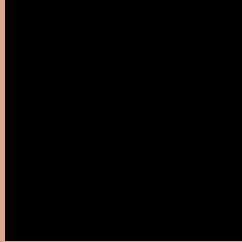
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 45.5113, 0.3810, 0.3569**

## Background



This preview shows how black text looks on a background with the Yxy color 45.5113, 0.3810, 0.3569.



This preview shows how white text looks on a background with the Yxy color 45.5113, 0.3810, 0.3569.

# 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**

45.5113, 0.3810, 0.3569

**Protanopia**

45.8240, 0.3456, 0.3671

**Deuteranopia**

45.4868, 0.3709, 0.3640



## Tritanopia

45.6142, 0.3557, 0.3150

# Trichromacy



**Original Color**

45.5113, 0.3810, 0.3569

**Protanomaly**

45.6381, 0.3587, 0.3635

**Deuteranomaly**

45.6955, 0.3751, 0.3623

**Tritanomaly**

45.3978, 0.3650, 0.3292

# Monochromacy



**Original Color**

45.5113, 0.3810, 0.3569

**Achromatopsia**

46.2077, 0.3127, 0.3290

**Achromatomaly**

45.8735, 0.3363, 0.3406

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 45.5113, 0.3810, 0.3569 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(219, 169, 146)` looks like.

```
.text, #text, p{  
    color:rgb(219, 169, 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(219, 169, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 169, 146) }
```

## Border

The CSS property to change the border of an element to Yxy 45.5113, 0.3810, 0.3569 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(219, 169, 146) }
```

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

```
.border{ border-color:rgb(219, 169, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 169, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 169, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 169, 146); box-shadow:4px 4px 4px 4px rgb(219, 169, 146) }
```



# Background

The CSS property to change the background color of an element to Yxy 45.5113, 0.3810, 0.3569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 169, 146) }
```

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

```
.background{ background-color: rgb(219,  
169, 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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