

# Converting Colors

$Yxy(43.6590, 0.3859, 0.3546)$

Have a look what the booklet for  
Yxy(43.6590, 0.3859, 0.3546)  
contains.

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# Color

**Yxy(43.5942, 0.3859, 0.3546)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBA48F
RGB	219, 164, 143
RGB Percent	86%, 64%, 56%
CMY	0.1413, 0.3568, 0.4392
CMYK	0.00, 0.25, 0.35, 0.14
HSL	17°, 51%, 71%
HSV	17°, 35%, 86%
XYZ	47.4422, 43.5942, 31.9027
YIQ	178.0510, 39.5210, 5.1290

# Conversions

## Conversions Part 2

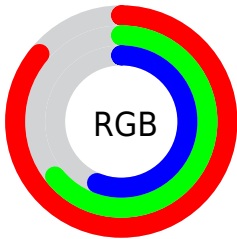
Format	Color
R <sub>Y</sub> B	219, 172, 143
Decimal	14394511
CIE Lab	71.96, 17.50, 18.81
CIE LCh	72, 25.694, 47.067
Yxy	43.5942, 0.3859, 0.3546
Android (android.graphics.Color)	4292584591 (0xFFDBA48F)
YUV	178.0510, -17.2801, 35.9123
Hunter-Lab	66.0259, 12.7139, 17.5701

# Details

The Yxy color **43.5942, 0.3859, 0.3546** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.3278, 0.2603, 0.3016**, and the grayscale version is **44.6275, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.9543, 0.3548, 0.3516**, and **20.0600, 0.4065, 0.3597** is the 20% darker color. If you saturate the color by 10%, you get **37.6738, 0.4159, 0.3620**, and if you desaturate by 10%, it is **50.3547, 0.3602, 0.3469**.

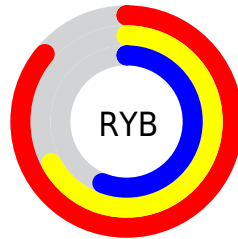
# Distribution



Red (86%)

Green (64%)

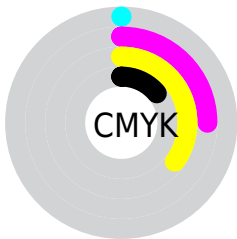
Blue (56%)



Red (86%)

Yellow (67%)

Blue (56%)

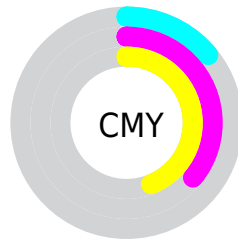


Cyan (0%)

Magenta (25%)

Yellow (35%)

Black (14%)



Cyan (14%)

Magenta (36%)


Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 43.5942, 0.3859, 0.3546 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 43.5942, 0.3859, 0.3546 by changing the saturation by 10% instead.





 43.5942, 0.3859,  
0.3546


 43.5942, 0.3859,  
0.3546

361.0497, 0.3486,  
0.3427

 30.3516, 0.3954,  
0.3572


 80.6068, 0.3722,  
0.3505

 20.1056, 0.4076,  
0.3603


 105.1455, 0.3671,  
0.3489

 12.4718, 0.4239,  
0.3640


134.2185, 0.3628,  
0.3476

 7.0659, 0.4468,  
0.3683

168.2100, 0.3591,  
0.3463

 3.5033, 0.4805,  
0.3727

207.5045, 0.3559,  
0.3453

 1.3998, 0.5671,  
0.3972

252.4864, 0.3532,

 0.2166, 0.7451,

0.3443

0.2549

303.5400, 0.3507,  
0.3435

0.0000, 0.0000,  
0.0000

43.5942, 0.3859,  
0.3546

43.5942, 0.3859,  
0.3546

37.6738, 0.4159,  
0.3620

50.3547, 0.3602,  
0.3469

32.5537, 0.4500,  
0.3684

57.9805, 0.3385,  
0.3394

28.2004, 0.4873,  
0.3728

66.5036, 0.3202,  
0.3322

24.5751, 0.5256,  
0.3741

75.9522, 0.3049,  
0.3255

21.6354, 0.5614,  
0.3712

86.3534, 0.2921,  
0.3194

■ 19.3337, 0.5908,  
0.3638

■ 93.7966, 0.2911,  
0.3289

■ 18.3467, 0.6036,  
0.3589

# Harmonies

## Analogous

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



43.5942, 0.3723, 0.3245



43.5942, 0.3859, 0.3546



43.5942, 0.3784, 0.3805

# Triad

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



43.5942, 0.3859, 0.3546



43.5942, 0.2822, 0.3644



43.5942, 0.2713, 0.2691

# Complementary

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



43.5942, 0.3859, 0.3546



51.3278, 0.2603, 0.3016

# 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.



43.5942, 0.2501, 0.2755



43.5942, 0.3859, 0.3546



43.5942, 0.2560, 0.3293

# Square

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



43.5942, 0.3859, 0.3546



43.5942, 0.3175, 0.3892



43.5942, 0.2447, 0.2966



43.5942, 0.3045, 0.2770



# Rectangle

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



43.5942, 0.3859, 0.3546



43.5942, 0.3630, 0.3916



43.5942, 0.2447, 0.2966



43.5942, 0.2627, 0.2695

# Sweetspot

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



43.5963, 0.3859, 0.3546



87.2541, 0.3297, 0.3360



38.8140, 0.3357, 0.2643



18.3152, 0.3323, 0.3370



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.



43.5963, 0.3859, 0.3546



55.0436, 0.4085, 0.3603



58.9306, 0.3711, 0.3968



13.6347, 0.3285, 0.3355



11.0398, 0.6010, 0.3610



0.8586, 0.5686, 0.3867

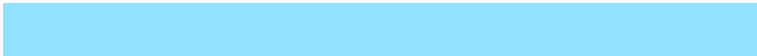


# Inverse Universe

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



51.3278, 0.2603, 0.3016



67.5647, 0.2496, 0.2944



36.3501, 0.2534, 0.2503



14.1890, 0.2982, 0.3224



17.8140, 0.1992, 0.2370



1.2957, 0.2038, 0.2538



# Previews

## White Background



This preview shows how the Yxy color 43.5942, 0.3859, 0.3546 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 43.5942, 0.3859, 0.3546 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

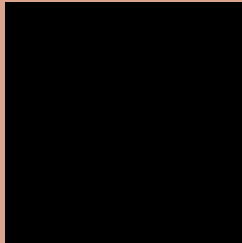
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 43.5942, 0.3859, 0.3546**

## Background



This preview shows how black text looks on a background with the Yxy color 43.5942, 0.3859, 0.3546.



This preview shows how white text looks on a background with the Yxy color 43.5942, 0.3859, 0.3546.

# 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

43.5942, 0.3859, 0.3546

### Protanopia

43.6597, 0.3446, 0.3652

### Deuteranopia

43.8243, 0.3719, 0.3645



## Tritanopia

43.6498, 0.3618, 0.3149

# Trichromacy



**Original Color**

43.5942, 0.3859, 0.3546

**Protanomaly**

43.6174, 0.3589, 0.3615

**Deuteranomaly**

43.8071, 0.3775, 0.3615

**Tritanomaly**

43.4351, 0.3713, 0.3292

# Monochromacy



**Original Color**

43.5942, 0.3859, 0.3546

**Achromatopsia**

44.5201, 0.3127, 0.3290

**Achromatomaly**

43.9412, 0.3378, 0.3395

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 43.5942, 0.3859, 0.3546 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, 164, 143)` looks like.

```
.text, #text, p{  
    color:rgb(219, 164, 143)  
}
```

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, 164, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 164, 143) }
```

## Border

The CSS property to change the border of an element to Yxy 43.5942, 0.3859, 0.3546 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, 164, 143) }
```

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

```
.border{ border-color:rgb(219, 164, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 164, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 164, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 164, 143);  
box-shadow:4px 4px 4px 4px rgb(219, 164,  
143) }
```



# Background

The CSS property to change the background color of an element to Yxy 43.5942, 0.3859, 0.3546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 164, 143) }
```

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

```
.background{ background-color: rgb(219,  
164, 143) }
```

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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