

# Converting Colors

$Yxy(39.4556, 0.3988, 0.3475)$

Have a look what the booklet for  
Yxy(39.4556, 0.3988, 0.3475)  
contains.

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# Color

**Yxy(39.4783, 0.3983, 0.3474)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DC9889
RGB	220, 152, 137
RGB Percent	86%, 60%, 54%
CMY	0.1372, 0.4039, 0.4628
CMYK	0.00, 0.31, 0.38, 0.14
HSL	11°, 54%, 70%
HSV	11°, 38%, 86%
XYZ	45.2625, 39.4783, 28.8985
YIQ	170.6220, 45.3430, 9.7510

# Conversions

## Conversions Part 2

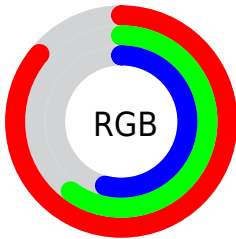
Format	Color
R <sub>Y</sub> B	220, 155, 137
Decimal	14456969
CIE Lab	69.10, 23.66, 18.19
CIE LCh	69, 29.843, 37.552
Yxy	39.4783, 0.3983, 0.3474
Android (android.graphics.Color)	4292647049 (0xFFDC9889)
YUV	170.6220, -16.5756, 43.3045
Hunter-Lab	62.8318, 18.6317, 16.7127

# Details

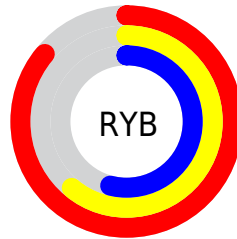
The Yxy color **39.4783, 0.3983, 0.3474** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.1556, 0.2575, 0.3094**, and the grayscale version is **40.5939, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.6034, 0.3629, 0.3467**, and **17.5890, 0.4255, 0.3500** is the 20% darker color. If you saturate the color by 10%, you get **33.4986, 0.4323, 0.3521**, and if you desaturate by 10%, it is **46.4798, 0.3694, 0.3424**.

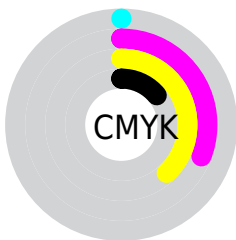
# Distribution



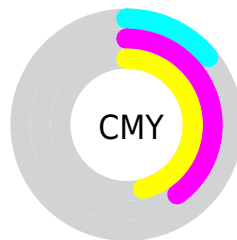
- Red (86%)
- Green (60%)
- Blue (54%)



- Red (86%)
- Yellow (61%)
- Blue (54%)



- Cyan (0%)
- Magenta (31%)
- Yellow (38%)
- Black (14%)




- Cyan (14%)
- Magenta (40%)
- Yellow (46%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 39.4783, 0.3983, 0.3474 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 39.4783, 0.3983, 0.3474 by changing the saturation by 10% instead.




 39.4783, 0.3983,  
0.3474


 39.4783, 0.3983,  
0.3474


343.9198, 0.3539,  
0.3394

 27.1320, 0.4098,  
0.3489


 74.3684, 0.3818,  
0.3448

 17.6724, 0.4248,  
0.3506


 97.6811, 0.3757,  
0.3438

 10.7150, 0.4451,  
0.3522


 125.4179, 0.3706,  
0.3428

 5.8756, 0.4739,  
0.3532

157.9635, 0.3663,  
0.3420

 2.7696, 0.5171,  
0.3518

195.7020, 0.3625,  
0.3412

 1.0126, 0.6324,  
0.3676

239.0180, 0.3593,

 0.0000, 1.0000,

0.3406

0.0000

288.2958, 0.3564,  
0.3399

0.0000, 0.0000,  
0.0000

39.4783, 0.3983,  
0.3474

39.4783, 0.3983,  
0.3474

33.4986, 0.4323,  
0.3521

46.4798, 0.3694,  
0.3424

28.4871, 0.4712,  
0.3557

54.5420, 0.3454,  
0.3373

24.3938, 0.5132,  
0.3575

63.7089, 0.3256,  
0.3325

21.1621, 0.5549,  
0.3566

74.0202, 0.3093,  
0.3280

18.7286, 0.5913,  
0.3523

85.5135, 0.2958,  
0.3239

■ 17.0192, 0.6177,  
0.3453

■ 93.9585, 0.2917,  
0.3289

■ 16.7201, 0.6226,  
0.3439

# Harmonies

## Analogous

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



39.4783, 0.3745, 0.3122



39.4783, 0.3983, 0.3474



39.4783, 0.3969, 0.3810

# Triad

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



39.4783, 0.3983, 0.3474



39.4783, 0.2885, 0.3837



39.4783, 0.2535, 0.2584

# Complementary

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



39.4783, 0.3983, 0.3474



54.1556, 0.2575, 0.3094

# 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.



39.4783, 0.2343, 0.2710



39.4783, 0.3983, 0.3474



39.4783, 0.2532, 0.3428

# Square

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



39.4783, 0.3983, 0.3474



39.4783, 0.3319, 0.4068



39.4783, 0.2341, 0.3008



39.4783, 0.2889, 0.2629



# Rectangle

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



39.4783, 0.3983, 0.3474



39.4783, 0.3825, 0.3982



39.4783, 0.2341, 0.3008



39.4783, 0.2451, 0.2606

# Sweetspot

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



39.4802, 0.3983, 0.3474



84.5273, 0.3318, 0.3341



37.5730, 0.3301, 0.2499



17.7132, 0.3345, 0.3347



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.



39.4802, 0.3983, 0.3474



48.6462, 0.4238, 0.3510



54.8748, 0.3802, 0.3939



13.4302, 0.3287, 0.3333



9.9276, 0.6204, 0.3456



0.7586, 0.5904, 0.3694

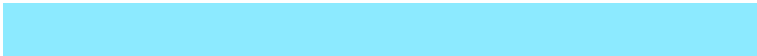


# Inverse Universe

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



54.1556, 0.2575, 0.3094



71.8124, 0.2479, 0.3048



37.2769, 0.2494, 0.2538



14.4084, 0.2982, 0.3247



22.3975, 0.2085, 0.2705

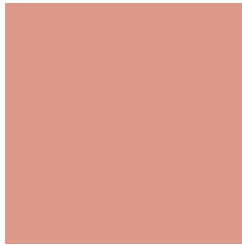


1.5576, 0.2114, 0.2810



# Previews

## White Background



This preview shows how the Yxy color 39.4783, 0.3983, 0.3474 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

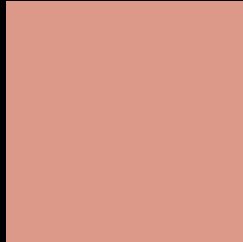
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 39.4783, 0.3983, 0.3474 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

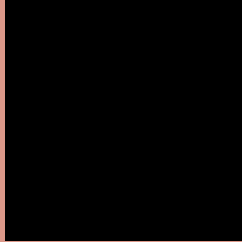
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 39.4783, 0.3983, 0.3474**

## Background



This preview shows how black text looks on a background with the Yxy color 39.4783, 0.3983, 0.3474.



This preview shows how white text looks on a background with the Yxy color 39.4783, 0.3983, 0.3474.

# 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

39.4783, 0.3983, 0.3474

### Protanopia

39.8852, 0.3422, 0.3624

### Deuteranopia

39.4602, 0.3727, 0.3647



## Tritanopia

39.5626, 0.3772, 0.3160

# Trichromacy



**Original Color**

39.4783, 0.3983, 0.3474

**Protanomaly**

39.4848, 0.3615, 0.3571

**Deuteranomaly**

39.2104, 0.3814, 0.3574

**Tritanomaly**

39.4518, 0.3843, 0.3268

# Monochromacy



**Original Color**

39.4783, 0.3983, 0.3474

**Achromatopsia**

40.7240, 0.3127, 0.3290

**Achromatomaly**

39.8729, 0.3412, 0.3358

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 39.4783, 0.3983, 0.3474 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(220, 152, 137)` looks like.

```
.text, #text, p{  
    color:rgb(220, 152, 137)  
}
```

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(220, 152, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 152, 137) }
```

## Border

The CSS property to change the border of an element to Yxy 39.4783, 0.3983, 0.3474 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(220, 152, 137) }
```

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

```
.border{ border-color:rgb(220, 152, 137) }
```

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

Here you see how a box with a 4 pixel rgb(220, 152, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 152, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 152, 137);  
box-shadow:4px 4px 4px 4px rgb(220, 152,  
137) }
```



# Background

The CSS property to change the background color of an element to Yxy 39.4783, 0.3983, 0.3474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 152, 137) }
```

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

```
.background{ background-color: rgb(220,  
152, 137) }
```

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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