

# Converting Colors

$Yxy(37.3323, 0.3853, 0.3443)$

Have a look what the booklet for  
Yxy(37.3323, 0.3853, 0.3443)  
contains.

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# Color

**Yxy(37.4072, 0.3844, 0.3445)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0978B
RGB	208, 151, 139
RGB Percent	82%, 59%, 55%
CMY	0.1843, 0.4078, 0.4550
CMYK	0.00, 0.27, 0.33, 0.18
HSL	10°, 42%, 68%
HSV	10°, 33%, 82%
XYZ	41.7397, 37.4072, 29.4371
YIQ	166.6750, 37.8240, 8.3520

# Conversions

## Conversions Part 2

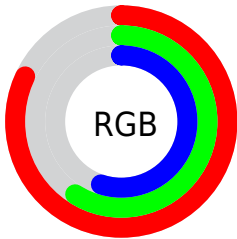
Format	Color
R <sub>Y</sub> B	208, 154, 139
Decimal	13670283
CIE Lab	67.58, 19.78, 14.78
CIE LCh	68, 24.698, 36.767
Yxy	37.4072, 0.3844, 0.3445
Android (android.graphics.Color)	4291860363 (0xFFD0978B)
YUV	166.6750, -13.6438, 36.2420
Hunter-Lab	61.1614, 14.7851, 14.2766

# Details

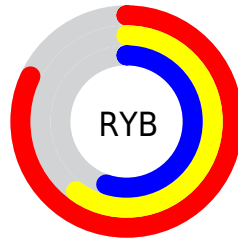
The Yxy color **37.4072, 0.3844, 0.3445** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.5134, 0.2638, 0.3128**, and the grayscale version is **38.5315, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.7284, 0.3618, 0.3426**, and **16.5110, 0.4070, 0.3480** is the 20% darker color. If you saturate the color by 10%, you get **31.7257, 0.4160, 0.3492**, and if you desaturate by 10%, it is **44.0135, 0.3579, 0.3396**.

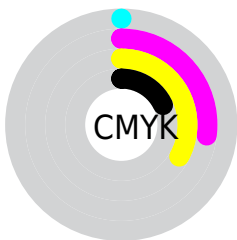
# Distribution



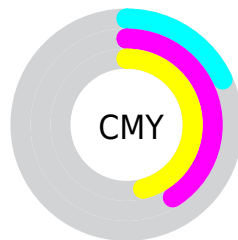
- Red (82%)
- Green (59%)
- Blue (55%)



- Red (82%)
- Yellow (60%)
- Blue (55%)



- Cyan (0%)
- Magenta (27%)
- Yellow (33%)
- Black (18%)




- Cyan (18%)
- Magenta (41%)
- Yellow (46%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 37.4072, 0.3844, 0.3445 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 37.4072, 0.3844, 0.3445 by changing the saturation by 10% instead.





 37.4072, 0.3844,  
0.3445

 37.4072, 0.3844,  
0.3445

335.0701, 0.3469,  
0.3375


 25.5229, 0.3943,  
0.3460


 71.1986, 0.3704,  
0.3421

 16.4671, 0.4073,  
0.3476


 93.8745, 0.3652,  
0.3412

 9.8553, 0.4250,  
0.3495


 120.9165, 0.3609,  
0.3404

 5.3031, 0.4507,  
0.3511

152.7088, 0.3573,  
0.3397

 2.4262, 0.4906,  
0.3514

189.6360, 0.3541,  
0.3390

 0.8393, 0.6186,  
0.3814

232.0823, 0.3514,

 0.0000, 1.0000,

0.3384

0.0000

280.4322, 0.3490,  
0.3379

0.0000, 0.0000,  
0.0000

37.4072, 0.3844,  
0.3445

37.4072, 0.3844,  
0.3445

31.7257, 0.4160,  
0.3492

44.0135, 0.3579,  
0.3396

26.9224, 0.4528,  
0.3533

51.5779, 0.3359,  
0.3349

22.9545, 0.4938,  
0.3559

60.1385, 0.3178,  
0.3304

19.7738, 0.5363,  
0.3563

69.7300, 0.3029,  
0.3262

17.3266, 0.5760,  
0.3537

80.3850, 0.2906,  
0.3224

■ 15.5525, 0.6074,  
0.3480

■ 91.5565, 0.2849,  
0.3280

■ 14.6875, 0.6232,  
0.3434

■ 92.1512, 0.2849,  
0.3289

# Harmonies

## Analogous

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



37.4072, 0.3639, 0.3142



37.4072, 0.3844, 0.3445



37.4072, 0.3841, 0.3730

# Triad

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



37.4072, 0.3844, 0.3445



37.4072, 0.2935, 0.3753



37.4072, 0.2619, 0.2689

# Complementary

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



37.4072, 0.3844, 0.3445



49.5134, 0.2638, 0.3128

# 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.



37.4072, 0.2456, 0.2806



37.4072, 0.3844, 0.3445



37.4072, 0.2630, 0.3418

# Square

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



37.4072, 0.3844, 0.3445



37.4072, 0.3303, 0.3941



37.4072, 0.2460, 0.3066



37.4072, 0.2919, 0.2722



# Rectangle

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



37.4072, 0.3844, 0.3445



37.4072, 0.3725, 0.3874



37.4072, 0.2460, 0.3066



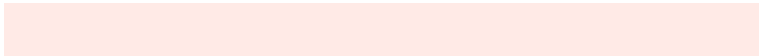
37.4072, 0.2547, 0.2711

# Sweetspot

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



37.4090, 0.3844, 0.3445



85.7581, 0.3299, 0.3334



35.8782, 0.3275, 0.2596



17.9557, 0.3326, 0.3341



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.



37.4090, 0.3844, 0.3445



52.5990, 0.4069, 0.3480



49.9719, 0.3708, 0.3858



12.1364, 0.3286, 0.3331



9.2523, 0.6212, 0.3450



0.6216, 0.5878, 0.3715



# Inverse Universe

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



49.5134, 0.2638, 0.3128



74.6938, 0.2543, 0.3086



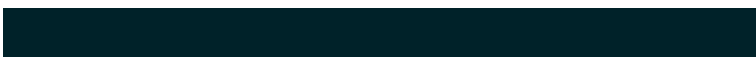
35.8778, 0.2577, 0.2646



13.0420, 0.2983, 0.3249



21.2975, 0.2091, 0.2728



1.2852, 0.2123, 0.2842



# Previews

## White Background



This preview shows how the Yxy color 37.4072, 0.3844, 0.3445 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

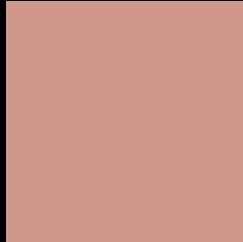
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 37.4072, 0.3844, 0.3445 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

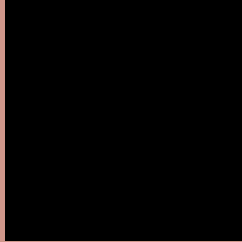
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 37.4072, 0.3844, 0.3445**

## Background



This preview shows how black text looks on a background with the Yxy color 37.4072, 0.3844, 0.3445.



This preview shows how white text looks on a background with the Yxy color 37.4072, 0.3844, 0.3445.

# 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

37.4072, 0.3844, 0.3445

### Protanopia

37.3969, 0.3365, 0.3548

### Deuteranopia

37.5784, 0.3637, 0.3576



## Tritanopia

37.3847, 0.3663, 0.3154

# Trichromacy



**Original Color**

37.4072, 0.3844, 0.3445

**Protanomaly**

37.0937, 0.3537, 0.3512

**Deuteranomaly**

37.4822, 0.3720, 0.3530

**Tritanomaly**

37.3172, 0.3724, 0.3254

# Monochromacy



**Original Color**

37.4072, 0.3844, 0.3445

**Achromatopsia**

38.6429, 0.3127, 0.3290

**Achromatomaly**

37.8691, 0.3368, 0.3346

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 37.4072, 0.3844, 0.3445 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(208, 151, 139)` looks like.

```
.text, #text, p{  
    color:rgb(208, 151, 139)  
}
```

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(208, 151, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 151, 139) }
```

## Border

The CSS property to change the border of an element to Yxy 37.4072, 0.3844, 0.3445 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(208, 151, 139) }
```

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

```
.border{ border-color:rgb(208, 151, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 151, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 151, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 151, 139);  
box-shadow:4px 4px 4px 4px rgb(208, 151,  
139) }
```



# Background

The CSS property to change the background color of an element to Yxy 37.4072, 0.3844, 0.3445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 151, 139) }
```

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

```
.background{ background-color: rgb(208,  
151, 139) }
```

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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