

# Converting Colors

XYZ(39.1907, 32.7860, 30.3452)

Have a look what the booklet for  
XYZ(39.1907, 32.7860, 30.3452)  
contains.

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# Color

**XYZ(39.2157, 32.7133,  
30.2340)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE888F
RGB	206, 136, 143
RGB Percent	81%, 53%, 56%
CMY	0.1922, 0.4666, 0.4392
CMYK	0.00, 0.34, 0.31, 0.19
HSL	354°, 42%, 67%
HSV	354°, 34%, 81%
XYZ	39.2157, 32.7133, 30.2340
YIQ	157.7280, 39.4730, 17.0170

# Conversions

## Conversions Part 2

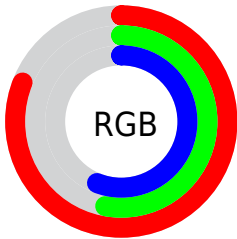
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	206, 136, 143
Decimal	13535375
CIE Lab	63.93, 27.71, 7.33
CIE LCh	64, 28.664, 14.812
Yxy	32.7133, 0.3839, 0.3202
Android (android.graphics.Color)	4291725455 (0xFFCE888F)
YUV	157.7280, -7.2609, 42.3345
Hunter-Lab	57.1955, 22.2950, 8.6957

# Details

The XYZ color **39.2157, 32.7133, 30.2340** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.5349, 53.5012, 62.1206**, and the grayscale version is **32.3963, 34.0834, 37.1168**.

A 20% lighter version of the original color is **69.7315, 62.1181, 61.1381**, and **17.8020, 13.7713, 12.0758** is the 20% darker color. If you saturate the color by 10%, you get **35.2980, 26.9429, 22.5617**, and if you desaturate by 10%, it is **43.9249, 39.6948, 39.3162**.

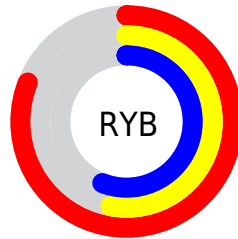
# Distribution



Red (81%)

Green (53%)

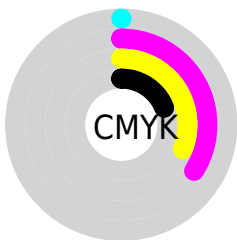
Blue (56%)



Red (81%)

Yellow (53%)

Blue (56%)

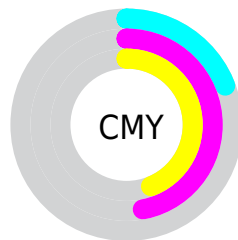


Cyan (0%)

Magenta (34%)

Yellow (31%)

Black (19%)



Cyan (19%)

Magenta (47%)


Yellow (44%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2157, 32.7133, 30.2340 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 XYZ color 39.2157, 32.7133, 30.2340 by changing the saturation by 10% instead.





 39.2157, 32.7133,  
30.2340

 39.2157, 32.7133,  
30.2340


333.9981,  
314.3559, 317.2349


 27.1090, 21.9069,  
19.7627


 73.2597, 63.9277,  
61.0974

 17.7921, 13.7885,  
12.0403


 95.9277, 85.1044,  
82.3266

 10.8996, 7.9737,  
6.6483


 122.8469,  
110.5067, 107.9789

 6.0662, 4.0781,  
3.1680

154.3827,  
140.5191, 138.4727

 2.9264, 1.7174,  
1.1811

190.9003,  
175.5257, 174.2267

 1.1150, 0.4349,  
0.0000

232.7652,

 0.0376, 0.0000,

215.9111, 215.6594

0.0000

280.3427,  
262.0597, 263.1892

■ 0.0000, 0.0000,  
0.0000

■ 39.2157, 32.7133,  
30.2340

■ 39.2157, 32.7133,  
30.2340

■ 35.2980, 26.9429,  
22.5617

■ 43.9249, 39.6948,  
39.3162

■ 32.1257, 22.3101,  
16.2266

■ 49.4631, 47.9460,  
49.8720

■ 29.6519, 18.7412,  
11.1525

■ 55.8685, 57.5272,  
61.9638

■ 27.8236, 16.1512,  
7.2547

■ 63.1763, 68.4936,  
75.6495

■ 26.5798, 14.4427,  
4.4379

■ 71.4195, 80.8971,  
90.9842

■ 25.8475, 13.4977,  
2.5920

■ 79.1428, 91.8135,  
107.5247

■ 25.5852, 13.1745,  
1.8841

■ 79.2637, 91.8619,  
108.1612

# Harmonies

## Analogous

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



39.2003, 32.7133, 41.7656



39.2157, 32.7133, 30.2340



36.9302, 32.7133, 22.1386

# Triad

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



39.2157, 32.7133, 30.2340



25.9378, 32.7133, 22.0634



29.1037, 32.7133, 61.6633

# Complementary

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



39.2157, 32.7133, 30.2340



42.5349, 53.5012, 62.1206

# 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.



25.9058, 32.7133, 53.6926



39.2157, 32.7133, 30.2340



24.1885, 32.7133, 30.1075

# Square

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



39.2157, 32.7133, 30.2340



29.1509, 32.7133, 18.1626



24.1773, 32.7133, 41.6087



33.1195, 32.7133, 61.7179



# Rectangle

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



39.2157, 32.7133, 30.2340



34.5144, 32.7133, 19.0544



24.1773, 32.7133, 41.6087



27.9056, 32.7133, 59.7556

# Sweetspot

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



39.2166, 32.7149, 30.2346



83.9703, 83.4047, 88.0531



43.4989, 34.2083, 62.7029



17.6652, 17.3918, 18.2648



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.2166, 32.7149, 30.2346



58.6424, 45.7862, 39.4185



43.1740, 41.4517, 29.0200



11.2571, 11.2316, 11.8886



15.7713, 8.1191, 1.2486



0.8295, 0.4252, 0.1481



# Inverse Universe

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



39.2166, 32.7149, 30.2346



58.6424, 45.7862, 39.4185



37.2157, 41.5326, 64.4478



11.2571, 11.2316, 11.8886



15.7713, 8.1191, 1.2486



0.8295, 0.4252, 0.1481



# Previews

## White Background



This preview shows how the XYZ color 39.2157, 32.7133, 30.2340 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

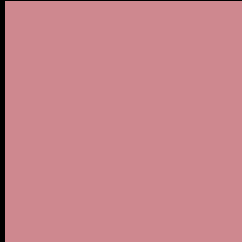
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 39.2157, 32.7133, 30.2340 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](#).

**XYZ 39.2157, 32.7133, 30.2340**

## **Background**



This preview shows how black text looks on a background with the XYZ color 39.2157, 32.7133, 30.2340.



This preview shows how white text looks on a background with the XYZ color 39.2157, 32.7133,



# 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

39.2157, 32.7133, 30.2340

### Protanopia

31.5717, 33.0117, 34.8449

### Deuteranopia

33.6186, 32.9659, 29.7905



## Tritanopia

39.4461, 32.8055, 31.4472

# Trichromacy



## Original Color

39.2157, 32.7133, 30.2340

## Protanomaly

33.6939, 32.4637, 32.9240

## Deuteranomaly

35.5014, 32.7686, 30.0450

## Tritanomaly

39.3686, 32.7745, 31.0392

# Monochromacy



## Original Color

39.2157, 32.7133, 30.2340

## Achromatopsia

32.4990, 34.1914, 37.2345

## Achromatomaly

34.3353, 33.2266, 34.7407

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 39.2157, 32.7133, 30.2340 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(206, 136, 143)` looks like.

```
.text, #text, p{  
    color:rgb(206, 136, 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(206, 136, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 136, 143) }
```

## Border

The CSS property to change the border of an element to XYZ 39.2157, 32.7133, 30.2340 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(206, 136, 143) }
```



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

```
.border{ border-color:rgb(206, 136, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 136, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 136, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 136, 143);  
box-shadow:4px 4px 4px 4px rgb(206, 136,  
143) }
```

# Background

The CSS property to change the background color of an element to XYZ 39.2157, 32.7133, 30.2340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 136, 143) }
```

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

```
.background{ background-color: rgb(206,  
136, 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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