

# Converting Colors

XYZ(39.7052, 37.2962, 31.0928)

Have a look what the booklet for  
XYZ(39.7052, 37.2962, 31.0928)  
contains.

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# Color

**XYZ(39.7052, 37.2962,  
31.0928)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C59B8F
RGB	197, 155, 143
RGB Percent	77%, 61%, 56%
CMY	0.2275, 0.3921, 0.4392
CMYK	0.00, 0.21, 0.27, 0.23
HSL	13°, 32%, 67%
HSV	13°, 27%, 77%
XYZ	39.7052, 37.2962, 31.0928
YIQ	166.1900, 28.8840, 5.1720

# Conversions

## Conversions Part 2

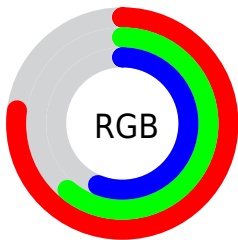
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">197, 158, 143</a>
Decimal	<a href="#">12950415</a>
CIELab	<a href="#">67.50, 13.86, 12.26</a>
CIElCh	<a href="#">67, 18.507, 41.487</a>
Yxy	<a href="#">37.2962, 0.3673, 0.3450</a>
Android (android.graphics.Color)	<a href="#">4291140495</a> ( <a href="#">0xFFC59B8F</a> )
YUV	<a href="#">166.1900, -11.4327, 27.0204</a>
Hunter-Lab	<a href="#">61.0706, 9.1786, 12.5632</a>

# Details

The XYZ color **39.7052, 37.2962, 31.0928** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.7541, 44.5673, 59.3832**, and the grayscale version is **36.3820, 38.2767, 41.6833**.

A 20% lighter version of the original color is **73.9977, 71.1952, 62.6653**, and **18.0814, 16.4417, 12.5765** is the 20% darker color. If you saturate the color by 10%, you get **35.9521, 31.9720, 23.1142**, and if you desaturate by 10%, it is **44.0460, 43.3757, 40.5610**.

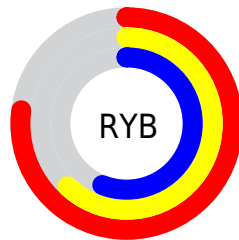
# Distribution



Red (77%)

Green (61%)

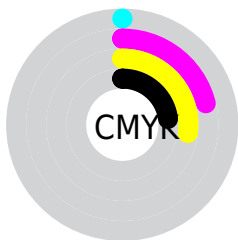
Blue (56%)



Red (77%)

Yellow (62%)

Blue (56%)

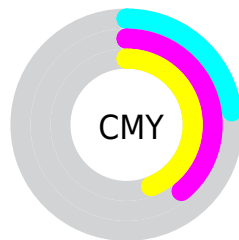


Cyan (0%)

Magenta (21%)

Yellow (27%)

Black (23%)



Cyan (23%)

Magenta (39%)


Yellow (44%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 39.7052, 37.2962, 31.0928 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 39.7052, 37.2962, 31.0928 by changing the saturation by 10% instead.





 39.7052, 37.2962,  
31.0928


 39.7052, 37.2962,  
31.0928

336.0352,  
334.5911, 321.3300

 27.4920, 25.4369,  
20.4105

 74.0016, 71.0281,  
62.4674

 18.0815, 16.4029,  
12.5067


 96.8154, 93.6695,  
83.9968

 11.1086, 9.8097,  
6.9631


123.8936,  
120.6737, 109.9790

 6.2077, 5.2730,  
3.3609

155.6013,  
152.4252, 140.8324

 3.0137, 2.4083,  
1.2817

192.3039,  
189.3083, 176.9757

 1.1610, 0.8301,  
0.0468

234.3669,

 0.0752, 0.0000,

231.7074, 218.8274

0.0000

282.1556,  
280.0068, 266.8060

■ 0.0000, 0.0000,  
0.0000

■ 39.7052, 37.2962,  
31.0928

■ 39.7052, 37.2962,  
31.0928

■ 35.9521, 31.9720,  
23.1142

■ 44.0460, 43.3757,  
40.5610

■ 32.7578, 27.3684,  
16.5468

■ 48.9955, 50.2334,  
51.5874

■ 30.0956, 23.4553,  
11.3084

■ 54.5777, 57.8974,  
64.2388

■ 27.9352, 20.1989,  
7.3070

■ 60.8139, 66.3930,  
78.5776

■ 26.2431, 17.5620,  
4.4392

■ 67.7247, 75.7444,  
94.6628

■ 24.9813, 15.5036,  
2.5843

■ 74.3151, 85.5687,  
107.2073

■ 24.1011, 13.9758,  
1.5738

■ 76.8360, 90.6103,  
108.0476

■ 23.9190, 13.6563,  
1.3753

# Harmonies

## Analogous

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



41.0824, 37.2962, 37.5695



39.7052, 37.2962, 31.0928



37.2138, 37.2962, 27.4951

# Triad

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



39.7052, 37.2962, 31.0928



30.5122, 37.2962, 35.8367



36.5491, 37.2962, 57.9715

# Complementary

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



39.7052, 37.2962, 31.0928



38.7541, 44.5673, 59.3832

# 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.



33.7408, 37.2962, 57.3440



39.7052, 37.2962, 31.0928



30.3555, 37.2962, 43.8087

# Square

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



39.7052, 37.2962, 31.0928



31.9483, 37.2962, 29.9708



31.5082, 37.2962, 51.8927



39.1963, 37.2962, 53.5072



# Rectangle

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



39.7052, 37.2962, 31.0928



35.3072, 37.2962, 26.8790



31.5082, 37.2962, 51.8927



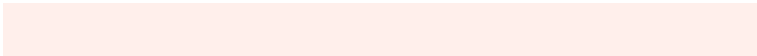
35.5910, 37.2962, 58.3634

# Sweetspot

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



39.7062, 37.2979, 31.0936



87.0837, 89.0471, 90.8926



41.6373, 35.0311, 50.6325



18.3368, 18.6417, 18.7761



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.



39.7062, 37.2979, 31.0936



66.8939, 60.8296, 46.6688



44.6506, 47.1868, 32.7417



10.8219, 11.0130, 11.1181



15.7846, 9.0864, 0.9219



0.8033, 0.5420, 0.0623



# Inverse Universe

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



38.7541, 44.5673, 59.3832



64.8920, 76.0212, 105.8611



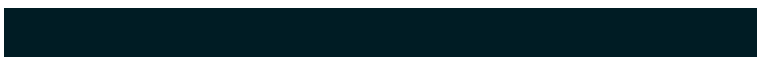
33.6842, 34.4275, 57.6932



10.7390, 11.6521, 13.6006



14.2079, 17.8098, 37.4332



0.7236, 0.9449, 1.7894



# Previews

## White Background



This preview shows how the XYZ color 39.7052, 37.2962, 31.0928 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

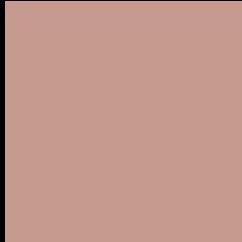
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 39.7052, 37.2962, 31.0928 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 39.7052, 37.2962, 31.0928**

## **Background**



This preview shows how black text looks on a background with the XYZ color 39.7052, 37.2962, 31.0928.



This preview shows how white text looks on a background with the XYZ color 39.7052, 37.2962,



# 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

39.7052, 37.2962, 31.0928

### Protanopia

35.6340, 37.4597, 33.3693

### Deuteranopia

37.8484, 37.0981, 30.7570



## Tritanopia

41.4823, 37.2789, 40.1312

# Trichromacy



## Original Color

39.7052, 37.2962, 31.0928

## Protanomaly

36.9892, 37.3888, 32.4613

## Deuteranomaly

38.4253, 37.1433, 30.7353

## Tritanomaly

40.6807, 37.1885, 36.4865

# Monochromacy



## Original Color

39.7052, 37.2962, 31.0928

## Achromatopsia

36.2450, 38.1326, 41.5264

## Achromatomaly

37.2233, 37.6564, 37.6543

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 39.7052, 37.2962, 31.0928 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(197, 155, 143)` looks like.

```
.text, #text, p{  
    color:rgb(197, 155, 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(197, 155, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 155, 143) }
```

## Border

The CSS property to change the border of an element to XYZ 39.7052, 37.2962, 31.0928 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(197, 155, 143) }
```



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

```
.border{ border-color:rgb(197, 155, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 155, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 155, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 155, 143);  
box-shadow:4px 4px 4px 4px rgb(197, 155,  
143) }
```

# Background

The CSS property to change the background color of an element to XYZ 39.7052, 37.2962, 31.0928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 155, 143) }
```

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

```
.background{ background-color: rgb(197,  
155, 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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