

# Converting Colors

XYZ(37.2750, 39.0364, 37.0227)

Have a look what the booklet for  
XYZ(37.2750, 39.0364, 37.0227)  
contains.

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# Color

**XYZ(37.2750, 39.0364,  
37.0227)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AEA79C
RGB	174, 167, 156
RGB Percent	68%, 65%, 61%
CMY	0.3176, 0.3451, 0.3882
CMYK	0.00, 0.04, 0.10, 0.32
HSL	37°, 10%, 65%
HSV	37°, 10%, 68%
XYZ	37.2750, 39.0364, 37.0227
YIQ	167.8390, 7.7030, -1.9370

# Conversions

## Conversions Part 2

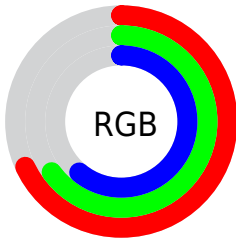
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">167, 174, 156</a>
Decimal	<a href="#">11446172</a>
CIELab	<a href="#">68.78, 0.56, 6.57</a>
CIELCh	<a href="#">69, 6.599, 85.097</a>
Yxy	<a href="#">39.0364, 0.3289, 0.3444</a>
Android (android.graphics.Color)	<a href="#">4289636252 (0xFFAEA79C)</a>
YUV	<a href="#">167.8390, -5.8366, 5.4032</a>
Hunter-Lab	<a href="#">62.4791, -2.8455, 8.6024</a>

# Details

The XYZ color **37.2750, 39.0364, 37.0227** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.4474, 36.3176, 45.2391**, and the grayscale version is **37.1664, 39.1020, 42.5821**.

A 20% lighter version of the original color is **70.3873, 73.7187, 71.4921**, and **16.7066, 17.4190, 15.8463** is the 20% darker color. If you saturate the color by 10%, you get **34.6994, 36.0764, 29.4082**, and if you desaturate by 10%, it is **40.1286, 42.2139, 45.7722**.

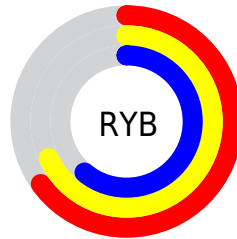
# Distribution



Red (68%)

Green (65%)

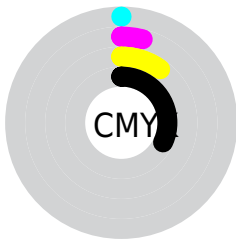
Blue (61%)



Red (65%)

Yellow (68%)

Blue (61%)

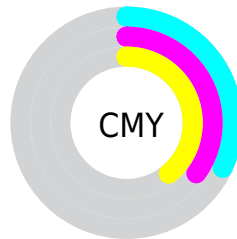


Cyan (0%)

Magenta (4%)

Yellow (10%)

Black (32%)



Cyan (32%)

Magenta (35%)


Yellow (39%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 37.2750, 39.0364, 37.0227 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 37.2750, 39.0364, 37.0227 by changing the saturation by 10% instead.





 37.2750, 39.0364,  
37.0227


 37.2750, 39.0364,  
37.0227


325.8345,  
342.0452, 348.5804

 25.5951, 26.7880,  
24.9291


 70.3066, 73.6939,  
71.7944

 16.6521, 17.4141,  
15.8057

 92.3891, 96.8719,  
95.3097

 10.0805, 10.5302,  
9.2339


118.6698,  
124.4618, 123.4692

 5.5151, 5.7519,  
4.7952

149.5141,  
156.8482, 156.6916

 2.5903, 2.6948,  
2.0710

185.2874,  
194.4153, 195.3954

 0.9410, 0.9746,  
0.5984

226.3550,

 0.0000, 0.0000,

237.5476, 239.9991

0.0000

273.0822,  
286.6294, 290.9213

■ 37.2750, 39.0364,  
37.0227

■ 37.2750, 39.0364,  
37.0227

■ 34.6994, 36.0764,  
29.4082

■ 40.1286, 42.2139,  
45.7722

■ 32.3888, 33.3233,  
22.8789

■ 43.2665, 45.6089,  
55.6988

■ 30.3336, 30.7729,  
17.3848

■ 46.6985, 49.2284,  
66.8453

■ 28.5225, 28.4190,  
12.8712

■ 50.4332, 53.0772,  
79.2520

■ 26.9431, 26.2549,  
9.2780

■ 54.4786, 57.1598,  
92.9569

■ 25.5818, 24.2735,  
6.5388

■ 57.9604, 61.1281,  
103.3518

■ 24.4231, 22.4669,  
4.5779

■ 59.6404, 64.4881,  
103.9118

■ 23.4490, 20.8260,  
3.3061

■ 61.3915, 67.9903,  
104.4955

■ 22.6476, 19.3826,  
2.5476

■ 63.2146, 71.6365,  
105.1032

# Harmonies

## Analogous

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



38.2650, 39.0364, 37.9556



37.2750, 39.0364, 37.0227



36.2569, 39.0364, 37.5012

# Triad

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



37.2750, 39.0364, 37.0227



35.3123, 39.0364, 44.9926



38.7759, 39.0364, 45.8836

# Complementary

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



37.2750, 39.0364, 37.0227



34.4474, 36.3176, 45.2391

# 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.



37.9620, 39.0364, 47.9331



37.2750, 39.0364, 37.0227



35.9647, 39.0364, 47.4019

# Square

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



37.2750, 39.0364, 37.0227



35.1361, 39.0364, 42.0139



36.9314, 39.0364, 48.5013



39.1418, 39.0364, 42.9979



# Rectangle

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



37.2750, 39.0364, 37.0227



35.6974, 39.0364, 38.5685



36.9314, 39.0364, 48.5013



38.5449, 39.0364, 46.6985

# Sweetspot

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



37.2761, 39.0381, 37.0235



71.3371, 74.9722, 78.5197



35.9733, 35.4277, 39.6871



15.7619, 16.5598, 17.1632



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832



# Same Dimension

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



37.2761, 39.0381, 37.0235



66.7042, 69.7782, 64.4226



38.1944, 41.4661, 37.4438



8.3973, 8.7994, 8.4692



16.4853, 14.1760, 1.8674



0.5096, 0.4964, 0.0690



# Inverse Universe

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



34.4474, 36.3176, 45.2391



60.7230, 64.0259, 81.7947



33.5902, 34.0824, 44.8529



7.8247, 8.2487, 10.1324



7.0787, 5.2912, 29.6927

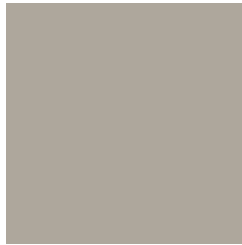


0.2510, 0.2553, 0.8440



# Previews

## White Background



This preview shows how the XYZ color 37.2750, 39.0364, 37.0227 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

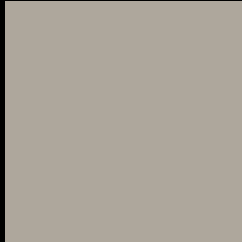
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 37.2750, 39.0364, 37.0227 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

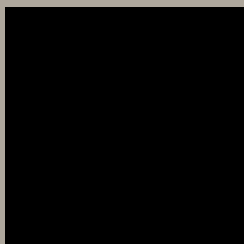
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

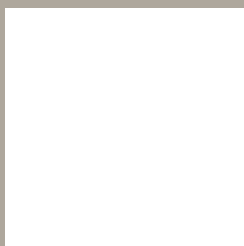
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 37.2750, 39.0364, 37.0227**

## **Background**



This preview shows how black text looks on a background with the XYZ color 37.2750, 39.0364, 37.0227.



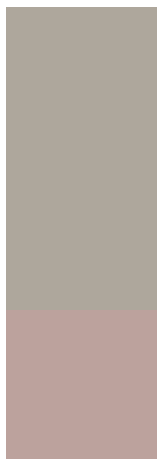
This preview shows how white text looks on a background with the XYZ color 37.2750, 39.0364,

37.0227.

# 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

37.2750, 39.0364, 37.0227

### Protanopia

37.2750, 39.0364, 37.0227

### Deuteranopia

39.7452, 38.9663, 37.3247



## Tritanopia

39.3427, 39.0724, 47.0631

# Trichromacy



## Original Color

37.2750, 39.0364, 37.0227

## Protanomaly

37.2750, 39.0364, 37.0227

## Deuteranomaly

38.8897, 39.0525, 37.3865

## Tritanomaly

38.5211, 39.0049, 43.0345

# Monochromacy



## Original Color

37.2750, 39.0364, 37.0227

## Achromatopsia

37.2190, 39.1572, 42.6422

## Achromatomaly

37.2810, 39.2316, 40.7295

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 37.2750, 39.0364, 37.0227 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(174, 167, 156)` looks like.

```
.text, #text, p{  
    color:rgb(174, 167, 156)  
}
```

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(174, 167, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 167, 156) }
```

## Border

The CSS property to change the border of an element to XYZ 37.2750, 39.0364, 37.0227 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(174, 167, 156) }
```



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

```
.border{ border-color:rgb(174, 167, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 167, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 167, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 167, 156);  
box-shadow:4px 4px 4px 4px rgb(174, 167,  
156) }
```

# Background

The CSS property to change the background color of an element to XYZ 37.2750, 39.0364, 37.0227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 167, 156) }
```

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

```
.background{ background-color: rgb(174,  
167, 156) }
```

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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