

# Converting Colors

XYZ(39.2558, 38.7141, 37.3018)

Have a look what the booklet for  
XYZ(39.2558, 38.7141, 37.3018)  
contains.

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# Color

**XYZ(39.2558, 38.7141,  
37.3018)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BAA29D
RGB	186, 162, 157
RGB Percent	73%, 64%, 62%
CMY	0.2706, 0.3647, 0.3843
CMYK	0.00, 0.13, 0.16, 0.27
HSL	10°, 17%, 67%
HSV	10°, 16%, 73%
XYZ	39.2558, 38.7141, 37.3018
YIQ	168.6060, 15.9090, 3.5330

# Conversions

## Conversions Part 2

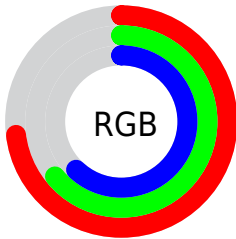
Format	Color
<a href="#">RYB</a>	<a href="#">186, 163, 157</a>
Decimal	<a href="#">12231325</a>
CIELab	<a href="#">68.54, 7.94, 5.82</a>
CIELCh	<a href="#">69, 9.848, 36.234</a>
Yxy	<a href="#">38.7141, 0.3406, 0.3359</a>
Android (android.graphics.Color)	<a href="#">4290421405</a> ( <a href="#">0xFFBAA29D</a> )
YUV	<a href="#">168.6060, -5.7218, 15.2545</a>
Hunter-Lab	<a href="#">62.2207, 3.7318, 8.0096</a>

# Details

The XYZ color **39.2558, 38.7141, 37.3018** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.2910, 43.7599, 52.8303**, and the grayscale version is **37.5402, 39.4952, 43.0103**.

A 20% lighter version of the original color is **73.3145, 73.2564, 72.5632**, and **17.8503, 17.1790, 16.0107** is the 20% darker color. If you saturate the color by 10%, you get **35.2401, 33.0333, 28.7160**, and if you desaturate by 10%, it is **43.8472, 45.1587, 47.2732**.

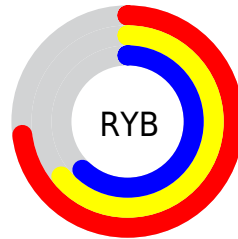
# Distribution



Red (73%)

Green (64%)

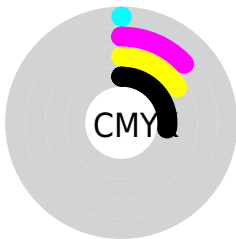
Blue (62%)



Red (73%)

Yellow (64%)

Blue (62%)

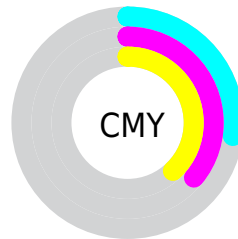


Cyan (0%)

Magenta (13%)

Yellow (16%)

Black (27%)



Cyan (27%)

Magenta (36%)


Yellow (38%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2558, 38.7141, 37.3018 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 39.2558, 38.7141, 37.3018 by changing the saturation by 10% instead.





 39.2558, 38.7141,  
37.3018

 39.2558, 38.7141,  
37.3018


334.1653,  
340.6734, 349.8233

 27.1404, 26.5374,  
25.1436

 73.3205, 73.2014,  
72.2282

 17.8158, 17.2261,  
15.9641


 96.0005, 96.2807,  
95.8335

 10.9167, 10.3958,  
9.3447


122.9328,  
123.7630, 124.0917

 6.0777, 5.6622,  
4.8668

154.4826,  
156.0327, 157.4212

 2.9335, 2.6408,  
2.1120

191.0155,  
193.4743, 196.2405

 1.1187, 0.9472,  
0.6229

232.8966,

 0.0407, 0.0000,

236.4719, 240.9683

0.0000

280.4914,  
285.4102, 292.0230

■ 0.0000, 0.0000,  
0.0000

■ 39.2558, 38.7141,  
37.3018

■ 39.2558, 38.7141,  
37.3018

■ 35.2401, 33.0333,  
28.7160

■ 43.8472, 45.1587,  
47.2732

■ 31.7742, 28.0830,  
21.4519

■ 49.0328, 52.3887,  
58.6852

■ 28.8347, 23.8349,  
15.4444

■ 54.8339, 60.4313,  
71.5929

■ 26.3954, 20.2568,  
10.6218

■ 61.2700, 69.3106,  
86.0478

■ 24.4278, 17.3144,  
6.9051

■ 68.3597, 79.0501,  
102.0988

■ 22.9002, 14.9696,  
4.2057

■ 73.8526, 88.7647,  
107.8486

■ 21.7771, 13.1809,  
2.4212

■ 74.0598, 89.1792,  
107.9177

■ 21.0163, 11.9002,  
1.4248

■ 20.7688, 11.4772,  
1.1207

# Harmonies

## Analogous

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



39.8427, 38.7141, 41.2320



39.2558, 38.7141, 37.3018



38.0120, 38.7141, 34.8071

# Triad

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



39.2558, 38.7141, 37.3018



34.1332, 38.7141, 38.8028



37.1215, 38.7141, 51.2298

# Complementary

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



39.2558, 38.7141, 37.3018



39.2910, 43.7599, 52.8303

# 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.



35.6074, 38.7141, 50.4661



39.2558, 38.7141, 37.3018



33.9099, 38.7141, 43.0877

# Square

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



39.2558, 38.7141, 37.3018



35.0612, 38.7141, 35.6302



34.4423, 38.7141, 47.4077



38.5883, 38.7141, 49.4271



# Rectangle

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



39.2558, 38.7141, 37.3018



36.9929, 38.7141, 34.1894



34.4423, 38.7141, 47.4077



36.6010, 38.7141, 51.2663

# Sweetspot

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



39.2569, 38.7158, 37.3026



79.9267, 82.4838, 86.6726



40.6646, 37.8965, 48.9776



17.4632, 17.9713, 18.7850



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438



# Same Dimension

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



39.2569, 38.7158, 37.3026



68.3249, 66.1810, 61.5305



41.9266, 44.0553, 38.1925



9.1266, 9.2561, 9.4125



14.0116, 7.7996, 0.7670



0.5328, 0.3526, 0.0400

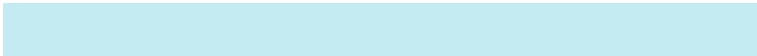


# Inverse Universe

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



39.2910, 43.7599, 52.8303



68.3982, 77.2128, 95.5000



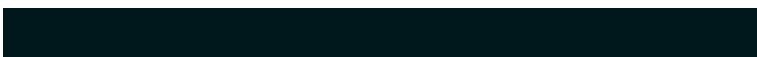
36.5257, 38.2292, 51.9085



9.1313, 9.9398, 11.5167



13.7750, 18.0096, 34.0033



0.5208, 0.7053, 1.2104



# Previews

## White Background



This preview shows how the XYZ color 39.2558, 38.7141, 37.3018 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 39.2558, 38.7141, 37.3018 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

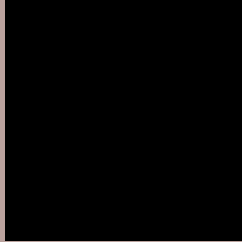
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 39.2558, 38.7141, 37.3018**

## **Background**



This preview shows how black text looks on a background with the XYZ color 39.2558, 38.7141, 37.3018.



This preview shows how white text looks on a background with the XYZ color 39.2558, 38.7141,



# 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

39.2558, 38.7141, 37.3018

### Protanopia

37.1771, 38.9462, 38.8156

### Deuteranopia

39.4997, 38.8398, 37.3133



## Tritanopia

40.7562, 38.8115, 44.3730

# Trichromacy



## Original Color

39.2558, 38.7141, 37.3018

## Protanomaly

37.8446, 38.7606, 38.2878

## Deuteranomaly

39.4997, 38.8398, 37.3133

## Tritanomaly

40.2134, 38.8446, 41.9375

# Monochromacy



## Original Color

39.2558, 38.7141, 37.3018

## Achromatopsia

37.7116, 39.6755, 43.2066

## Achromatomaly

38.1069, 39.1030, 41.1365

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 39.2558, 38.7141, 37.3018 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(186, 162, 157)` looks like.

```
.text, #text, p{  
    color:rgb(186, 162, 157)  
}
```

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(186, 162, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 162, 157) }
```

## Border

The CSS property to change the border of an element to XYZ 39.2558, 38.7141, 37.3018 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(186, 162, 157) }
```



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

```
.border{ border-color:rgb(186, 162, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 162, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 162, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 162, 157);  
box-shadow:4px 4px 4px 4px rgb(186, 162,  
157) }
```

# Background

The CSS property to change the background color of an element to XYZ 39.2558, 38.7141, 37.3018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 162, 157) }
```

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

```
.background{ background-color: rgb(186,  
162, 157) }
```

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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