

Converting Colors

XYZ(37.1230, 37.5646, 39.4772)

Have a look what the booklet for
XYZ(37.1230, 37.5646, 39.4772)
contains.

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Color

**XYZ(37.1211, 37.5633,
39.4764)**

Conversions

Conversions Part 1

Format	Color
Hex	AFA2A2
RGB	175, 162, 162
RGB Percent	69%, 64%, 64%
CMY	0.3137, 0.3647, 0.3647
CMYK	0.00, 0.07, 0.07, 0.31
HSL	0°, 8%, 66%
HSV	0°, 7%, 69%
XYZ	37.1211, 37.5633, 39.4764
YIQ	165.8870, 7.7480, 2.7560

Conversions

Conversions Part 2

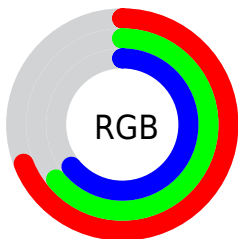
Format	Color
RYB	175, 162, 162
Decimal	11510434
CIELab	67.70, 4.72, 1.69
CIElCh	68, 5.010, 19.763
Yxy	37.5633, 0.3252, 0.3290
Android (android.graphics.Color)	4289700514 (0xFFAFA2A2)
YUV	165.8870, -1.9163, 7.9921
Hunter-Lab	61.2889, 0.8572, 4.7133

Details

The XYZ color **37.1211, 37.5633, 39.4764** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.9679, 41.4356, 46.5545**, and the grayscale version is **36.1982, 38.0833, 41.4727**.

A 20% lighter version of the original color is **70.2922, 71.6244, 75.7657**, and **16.5588, 16.4886, 17.0617** is the 20% darker color. If you saturate the color by 10%, you get **32.8023, 31.2440, 30.8887**, and if you desaturate by 10%, it is **42.0874, 44.8301, 49.3490**.

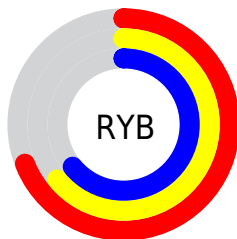
Distribution



Red (69%)

Green (64%)

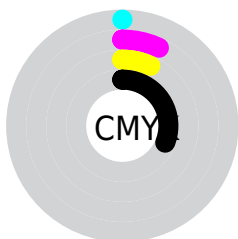
Blue (64%)



Red (69%)

Yellow (64%)

Blue (64%)

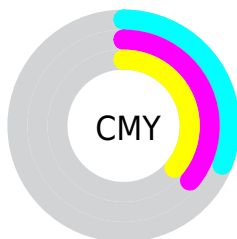


Cyan (0%)

Magenta (7%)

Yellow (7%)

Black (31%)



Cyan (31%)

Magenta (36%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.1211, 37.5633, 39.4764 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 37.1211, 37.5633, 39.4764 by changing the saturation by 10% instead.

■ 37.1211, 37.5633,
39.4764

■ 37.1211, 37.5633,
39.4764

325.1810,
335.7429, 359.3980

■ 25.4754, 25.6439,
26.8199

■ 70.0716, 71.4383,
75.5939

■ 16.5622, 16.5575,
17.2067

■ 92.1071, 94.1627,
99.8919

■ 10.0162, 9.9195,
10.2185

118.3366,
121.2576, 128.9075

■ 5.4721, 5.3456,
5.4366

149.1254,
153.1074, 163.0592

■ 2.5644, 2.4514,
2.4424

184.8389,
190.0964, 202.7655

■ 0.9278, 0.8522,
0.8094

225.8424,

■ 0.0000, 0.0000,

232.6090, 248.4451

0.0000

272.5013,
281.0298, 300.5164

■ 37.1211, 37.5633,
39.4764

■ 37.1211, 37.5633,
39.4764

■ 32.8023, 31.2440,
30.8887

■ 42.0874, 44.8301,
49.3490

■ 29.1012, 25.8285,
23.5306

■ 47.7229, 53.0760,
60.5536

■ 25.9907, 21.2770,
17.3468

■ 54.0523, 62.3371,
73.1380

■ 23.4402, 17.5448,
12.2765

■ 61.0981, 72.6464,
87.1470

■ 21.4164, 14.5833,
8.2535

■ 68.8818, 84.0353,
102.6232

■ 19.8825, 12.3387,
5.2047

■ 71.4893, 87.8540,
107.7974

■ 18.7971, 10.7502,
3.0475

■ 18.1118, 9.7473,
1.6859

■ 17.7533, 9.2225,
0.9737

Harmonies

Analogous

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



37.1868, 37.5633, 41.6619



37.1211, 37.5633, 39.4764



36.6723, 37.5633, 37.7333

Triad

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



37.1211, 37.5633, 39.4764



34.5792, 37.5633, 38.2094



35.4391, 37.5633, 45.2373

Complementary

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



37.1211, 37.5633, 39.4764



37.9679, 41.4356, 46.5545

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.



34.7505, 37.5633, 44.2392



37.1211, 37.5633, 39.4764



34.2588, 37.5633, 40.1476

Square

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



37.1211, 37.5633, 39.4764



35.2022, 37.5633, 37.0203



34.3211, 37.5633, 42.3575



36.2081, 37.5633, 45.0418

Rectangle

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



37.1211, 37.5633, 39.4764



36.2198, 37.5633, 37.0316



34.3211, 37.5633, 42.3575



35.1907, 37.5633, 45.0289

Sweetspot

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



37.1222, 37.5649, 39.4772



71.1336, 74.0805, 79.9462



38.3378, 38.0503, 45.8816



15.8320, 16.4971, 17.8122



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.



37.1222, 37.5649, 39.4772



65.0662, 65.2026, 67.8831



38.2963, 39.9133, 39.8686



8.0054, 8.0157, 8.3386



12.6611, 6.5276, 0.5926



0.3523, 0.1817, 0.0165

Inverse Universe

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



37.9679, 41.4356, 46.5545



66.9117, 73.6484, 83.3258



36.7338, 38.9673, 46.1431



8.2362, 9.0718, 10.2696



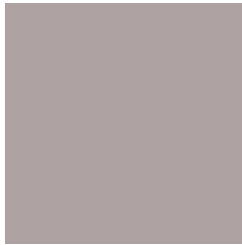
16.5137, 24.1612, 32.8377



0.4594, 0.6722, 0.9135

Previews

White Background



This preview shows how the XYZ color 37.1211, 37.5633, 39.4764 looks on a white background.

Color Contrast Check

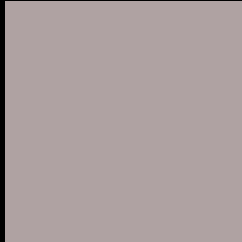
Large Text (above 18pt) WCAG AA × Fail

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 37.1211, 37.5633, 39.4764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

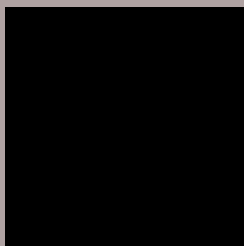
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

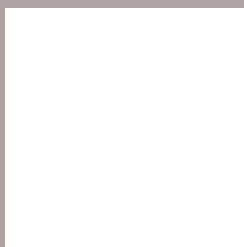
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.1211, 37.5633, 39.4764

Background



This preview shows how black text looks on a background with the XYZ color 37.1211, 37.5633, 39.4764.



This preview shows how white text looks on a background with the XYZ color 37.1211, 37.5633,

39.4764.

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

37.1211, 37.5633, 39.4764

Protanopia

36.0348, 37.5201, 39.9932

Deuteranopia

38.3838, 37.6953, 39.4353



Tritanopia

38.2451, 37.5059, 44.7588

Trichromacy



Original Color

37.1211, 37.5633, 39.4764

Protanomaly

36.5026, 37.4967, 39.9640

Deuteranomaly

37.8569, 37.6821, 39.4605

Tritanomaly

37.8108, 37.5844, 42.7978

Monochromacy



Original Color

37.1211, 37.5633, 39.4764

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.6089, 38.0619, 41.0145

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1211, 37.5633, 39.4764 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(175, 162, 162)` looks like.

```
.text, #text, p{  
    color:rgb(175, 162, 162)  
}
```

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(175, 162, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 162, 162) }
```

Border

The CSS property to change the border of an element to XYZ 37.1211, 37.5633, 39.4764 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(175, 162, 162) }
```


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

```
.border{ border-color:rgb(175, 162, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 162, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 162, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 162, 162);  
box-shadow:4px 4px 4px 4px rgb(175, 162,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1211, 37.5633, 39.4764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 162, 162) }
```

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

```
.background{ background-color: rgb(175,  
162, 162) }
```

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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