

Converting Colors

XYZ(37.4848, 37.7610, 39.0311)

Have a look what the booklet for
XYZ(37.4848, 37.7610, 39.0311)
contains.

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Color

**XYZ(37.4848, 37.7610,
39.0311)**

Conversions

Conversions Part 1

Format	Color
Hex	B1A2A1
RGB	177, 162, 161
RGB Percent	69%, 64%, 63%
CMY	0.3059, 0.3647, 0.3686
CMYK	0.00, 0.08, 0.09, 0.31
HSL	4°, 9%, 66%
HSV	4°, 9%, 69%
XYZ	37.4848, 37.7610, 39.0311
YIQ	166.3710, 9.2610, 2.8690

Conversions

Conversions Part 2

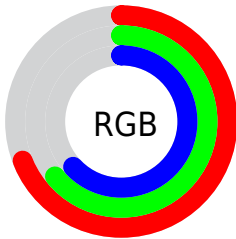
Format	Color
RYB	177, 162, 161
Decimal	11641505
CIELab	67.84, 5.27, 2.49
CIELCh	68, 5.829, 25.233
Yxy	37.7610, 0.3280, 0.3304
Android (android.graphics.Color)	4289831585 (0xFFB1A2A1)
YUV	166.3710, -2.6479, 9.3216
Hunter-Lab	61.4500, 1.3484, 5.3558

Details

The XYZ color **37.4848, 37.7610, 39.0311** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.1589, 41.8012, 47.6526**, and the grayscale version is **36.4352, 38.3327, 41.7443**.

A 20% lighter version of the original color is **70.8118, 71.9072, 75.1130**, and **16.7026, 16.5627, 17.0685** is the 20% darker color. If you saturate the color by 10%, you get **33.3012, 31.7172, 30.4732**, and if you desaturate by 10%, it is **42.2771, 44.6677, 48.8830**.

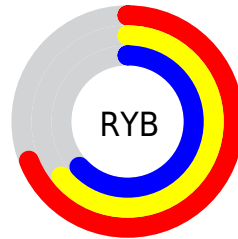
Distribution



Red (69%)

Green (64%)

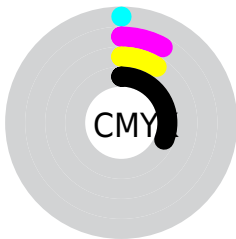
Blue (63%)



Red (69%)

Yellow (64%)

Blue (63%)

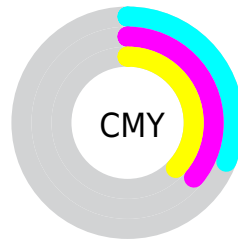


Cyan (0%)

Magenta (8%)

Yellow (9%)

Black (31%)



Cyan (31%)

Magenta (36%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.4848, 37.7610, 39.0311 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 37.4848, 37.7610, 39.0311 by changing the saturation by 10% instead.

■ 37.4848, 37.7610,
39.0311

■ 37.4848, 37.7610,
39.0311

326.7239,
336.5936, 357.4526

■ 25.7585, 25.7972,
26.4759

■ 70.6268, 71.7417,
74.9067

■ 16.7748, 16.6720,
16.9511

■ 92.7731, 94.5274,
99.0642

■ 10.1683, 10.0009,
10.0380

119.1236,
121.6892, 127.9262

■ 5.5738, 5.3996,
5.3182

150.0434,
153.6115, 161.9112

■ 2.6259, 2.4836,
2.3732

185.8980,
190.6787, 201.4378

■ 0.9592, 0.8684,
0.7718

227.0527,

■ 0.0000, 0.0000,

233.2752, 246.9246

0.0000

273.8729,
281.7854, 298.7900

■ 37.4848, 37.7610,
39.0311

■ 37.4848, 37.7610,
39.0311

■ 33.3012, 31.7172,
30.4732

■ 42.2771, 44.6677,
48.8830

■ 29.6989, 26.4975,
23.1531

■ 47.6977, 52.4640,
60.0769

■ 26.6532, 22.0679,
17.0145

■ 53.7694, 61.1818,
72.6615

■ 24.1361, 18.3897,
11.9952

■ 60.5128, 70.8498,
86.6821

■ 22.1176, 15.4214,
8.0278

■ 67.9476, 81.4956,
102.1821

■ 20.5644, 13.1170,
5.0374

■ 71.9416, 88.0872,
107.8185

■ 19.4392, 11.4255,
2.9393

■ 18.6990, 10.2883,
1.6345

■ 18.2810, 9.6310,
0.9443

Harmonies

Analogous

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



37.6495, 37.7610, 41.5300



37.4848, 37.7610, 39.0311



36.8902, 37.7610, 37.1631

Triad

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



37.4848, 37.7610, 39.0311



34.4828, 37.7610, 38.3436



35.7466, 37.7610, 46.2740

Complementary

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



37.4848, 37.7610, 39.0311



38.1589, 41.8012, 47.6526

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.



34.9094, 37.7610, 45.3382



37.4848, 37.7610, 39.0311



34.1876, 37.7610, 40.7034

Square

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



37.4848, 37.7610, 39.0311



35.1554, 37.7610, 36.7780



34.3424, 37.7610, 43.2724



36.6362, 37.7610, 45.7809

Rectangle

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



37.4848, 37.7610, 39.0311



36.3352, 37.7610, 36.4907



34.3424, 37.7610, 43.2724



35.4498, 37.7610, 46.1151

Sweetspot

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



37.4859, 37.7627, 39.0319



72.1405, 74.8477, 80.1850



38.7330, 37.9799, 46.4679



15.4850, 16.0059, 17.0709



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.



37.4859, 37.7627, 39.0319



65.4349, 65.1770, 66.4189



38.9022, 40.5953, 39.5040



8.5377, 8.5880, 8.8602



13.2410, 6.9806, 0.6495



0.4307, 0.2478, 0.0251

Inverse Universe

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



38.1589, 41.8012, 47.6526



66.9051, 73.9996, 85.2524



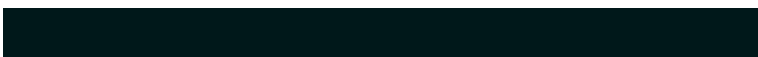
36.6738, 38.8310, 47.1576



8.6961, 9.5385, 10.8891



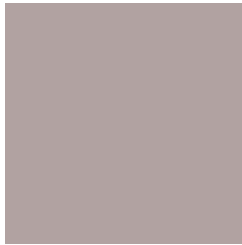
15.6332, 22.0667, 33.5723



0.5055, 0.7216, 1.0609

Previews

White Background



This preview shows how the XYZ color 37.4848, 37.7610, 39.0311 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 37.4848, 37.7610, 39.0311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

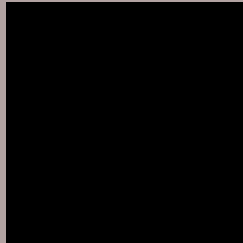
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.4848, 37.7610, 39.0311

Background



This preview shows how black text looks on a background with the XYZ color 37.4848, 37.7610, 39.0311.



This preview shows how white text looks on a background with the XYZ color 37.4848, 37.7610,

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

37.4848, 37.7610, 39.0311

Protanopia

36.3389, 37.9539, 39.5930

Deuteranopia

38.5323, 37.7821, 38.9800



Tritanopia

38.7040, 37.7424, 44.7803

Trichromacy



Original Color

37.4848, 37.7610, 39.0311

Protanomaly

36.8103, 37.9302, 39.5636

Deuteranomaly

38.2339, 37.8867, 39.0159

Tritanomaly

38.2664, 37.8193, 42.8191

Monochromacy



Original Color

37.4848, 37.7610, 39.0311

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.7335, 38.1367, 40.5470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4848, 37.7610, 39.0311 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(177, 162, 161)` looks like.

```
.text, #text, p{  
    color:rgb(177, 162, 161)  
}
```

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(177, 162, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 162, 161) }
```

Border

The CSS property to change the border of an element to XYZ 37.4848, 37.7610, 39.0311 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(177, 162, 161) }
```


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

```
.border{ border-color:rgb(177, 162, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 162, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 162, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 162, 161);  
box-shadow:4px 4px 4px 4px rgb(177, 162,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4848, 37.7610, 39.0311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 162, 161) }
```

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

```
.background{ background-color: rgb(177,  
162, 161) }
```

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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