

Converting Colors

XYZ(36.3449, 37.8656, 31.3012)

Have a look what the booklet for
XYZ(36.3449, 37.8656, 31.3012)
contains.

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Color

**XYZ(36.3648, 37.8812,
31.3818)**

Conversions

Conversions Part 1

Format	Color
Hex	B1A48F
RGB	177, 164, 143
RGB Percent	69%, 64%, 56%
CMY	0.3059, 0.3568, 0.4392
CMYK	0.00, 0.07, 0.19, 0.31
HSL	37°, 18%, 63%
HSV	37°, 19%, 69%
XYZ	36.3648, 37.8812, 31.3818
YIQ	165.4930, 14.4890, -3.7750

Conversions

Conversions Part 2

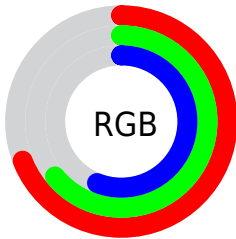
Format	Color
RYB	164, 177, 143
Decimal	11641999
CIELab	67.93, 1.20, 12.60
CIElCh	68, 12.659, 84.555
Yxy	37.8812, 0.3443, 0.3586
Android (android.graphics.Color)	4289832079 (0xFFB1A48F)
YUV	165.4930, -11.0890, 10.0916
Hunter-Lab	61.5477, -2.2437, 12.8527

Details

The XYZ color **36.3648, 37.8812, 31.3818** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.1517, 32.7900, 46.2823**, and the grayscale version is **36.0486, 37.9260, 41.3014**.

A 20% lighter version of the original color is **69.0138, 72.0179, 63.0867**, and **16.0821, 16.6637, 12.7247** is the 20% darker color. If you saturate the color by 10%, you get **33.9499, 35.0304, 24.4753**, and if you desaturate by 10%, it is **39.0578, 40.9489, 39.4257**.

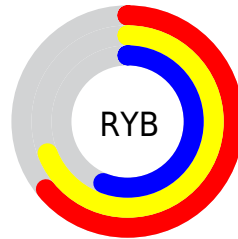
Distribution



Red (69%)

Green (64%)

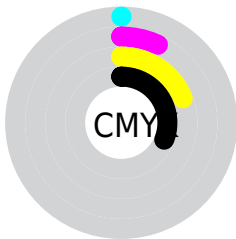
Blue (56%)



Red (64%)

Yellow (69%)

Blue (56%)

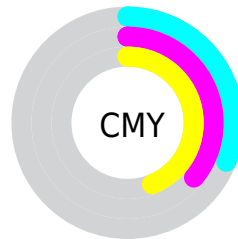


Cyan (0%)

Magenta (7%)

Yellow (19%)

Black (31%)



Cyan (31%)

Magenta (36%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.3648, 37.8812, 31.3818 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 36.3648, 37.8812, 31.3818 by changing the saturation by 10% instead.

■ 36.3648, 37.8812,
31.3818

■ 36.3648, 37.8812,
31.3818

321.9557,
337.1101, 322.6989

■ 24.8875, 25.8905,
20.6289

■ 68.9150, 71.9260,
62.9273

■ 16.1215, 16.7417,
12.6644

■ 90.7185, 94.7489,
84.5569

■ 9.7016, 10.0505,
7.0699

116.6948,
121.9513, 110.6492

■ 5.2623, 5.4325,
3.4267

147.2093,
153.9177, 141.6226

■ 2.4383, 2.5032,
1.3164

182.6273,
191.0323, 177.8958

■ 0.8642, 0.8782,
0.0752

223.3141,

■ 0.0000, 0.0000,

233.6797, 219.8872

0.0000

269.6351,
282.2441, 268.0154

■ 36.3648, 37.8812,
31.3818

■ 36.3648, 37.8812,
31.3818

■ 33.9499, 35.0304,
24.4753

■ 39.0578, 40.9489,
39.4257

■ 31.7991, 32.3854,
18.6514

■ 42.0360, 44.2340,
48.6536

■ 29.9018, 29.9417,
13.8542

■ 45.3100, 47.7436,
59.1125

■ 28.2452, 27.6925,
10.0219

■ 48.8892, 51.4829,
70.8459

■ 26.8153, 25.6304,
7.0859

■ 52.7821, 55.4568,
83.8955

■ 25.5964, 23.7475,
4.9686

■ 56.9972, 59.6700,
98.3008

■ 24.5699, 22.0345,
3.5788

■ 59.5663, 63.3367,
103.6935

■ 23.7021, 20.4761,
2.7433

■ 61.2865, 66.7772,
104.2669

■ 23.6369, 20.3579,
2.6837

■ 63.0784, 70.3609,
104.8642

Harmonies

Analogous

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



38.2416, 37.8812, 33.0414



36.3648, 37.8812, 31.3818



34.4570, 37.8812, 32.1633

Triad

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



36.3648, 37.8812, 31.3818



32.6754, 37.8812, 45.9099



39.1726, 37.8812, 47.8473

Complementary

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



36.3648, 37.8812, 31.3818



31.1517, 32.7900, 46.2823

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.



37.5985, 37.8812, 51.8958



36.3648, 37.8812, 31.3818



33.8573, 37.8812, 50.7078

Square

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



36.3648, 37.8812, 31.3818



32.3720, 37.8812, 40.2275



35.6475, 37.8812, 52.9873



39.9000, 37.8812, 42.2819

Rectangle

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



36.3648, 37.8812, 31.3818



33.4178, 37.8812, 34.0038



35.6475, 37.8812, 52.9873



38.7223, 37.8812, 49.4502

Sweetspot

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



36.3658, 37.8829, 31.3826



71.5519, 75.1229, 75.5119



33.9578, 31.3939, 35.7376



15.4353, 16.2013, 16.1458



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.



36.3658, 37.8829, 31.3826



63.2602, 65.6632, 50.7863



37.9212, 42.3156, 32.1562



8.9188, 9.3501, 8.9872



17.1858, 14.8701, 1.9644



0.5950, 0.5764, 0.0799

Inverse Universe

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



31.1517, 32.7900, 46.2823



52.2210, 54.8820, 82.3362



29.7854, 29.0198, 45.6266



8.2994, 8.7449, 10.7568



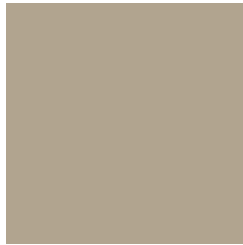
7.2873, 5.3749, 30.7904



0.2867, 0.2840, 0.9879

Previews

White Background



This preview shows how the XYZ color 36.3648, 37.8812, 31.3818 looks on a white background.

Color Contrast Check

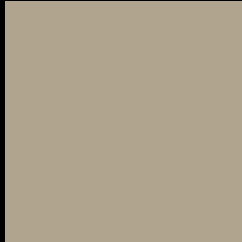
Large Text (above 18pt) WCAG AA × Fail

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 36.3648, 37.8812, 31.3818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

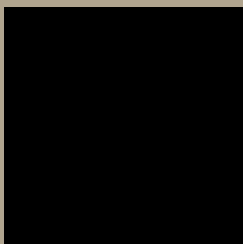
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

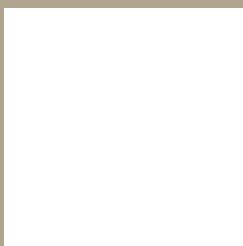
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.3648, 37.8812, 31.3818

Background



This preview shows how black text looks on a background with the XYZ color 36.3648, 37.8812, 31.3818.



This preview shows how white text looks on a background with the XYZ color 36.3648, 37.8812,

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

36.3648, 37.8812, 31.3818

Protanopia

35.9447, 37.9226, 31.8109

Deuteranopia

38.4184, 37.6287, 31.6238



Tritanopia

39.0733, 37.9439, 44.2943

Trichromacy



Original Color

36.3648, 37.8812, 31.3818

Protanomaly

36.1684, 38.0378, 31.8213

Deuteranomaly

37.7865, 37.8176, 31.6935

Tritanomaly

38.0003, 37.7662, 39.0050

Monochromacy



Original Color

36.3648, 37.8812, 31.3818

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.9031, 37.7796, 37.2982

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3648, 37.8812, 31.3818 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, 164, 143)` looks like.

```
.text, #text, p{  
    color:rgb(177, 164, 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(177, 164, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 164, 143) }
```

Border

The CSS property to change the border of an element to XYZ 36.3648, 37.8812, 31.3818 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, 164, 143) }
```


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

```
.border{ border-color:rgb(177, 164, 143) }
```

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

Here you see how a box with a 4 pixel rgb(177, 164, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 164, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 164, 143);  
box-shadow:4px 4px 4px 4px rgb(177, 164,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3648, 37.8812, 31.3818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 164, 143) }
```

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

```
.background{ background-color: rgb(177,  
164, 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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