

Converting Colors

XYZ(37.3974, 37.8726, 31.3257)

Have a look what the booklet for
XYZ(37.3974, 37.8726, 31.3257)
contains.

XYZ(37.4067, 37.8911, 31.3288)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(37.4067, 37.8911,
31.3288)**

Conversions

Conversions Part 1

Format	Color
Hex	B7A28F
RGB	183, 162, 143
RGB Percent	72%, 64%, 56%
CMY	0.2824, 0.3647, 0.4392
CMYK	0.00, 0.11, 0.22, 0.28
HSL	29°, 22%, 64%
HSV	29°, 22%, 72%
XYZ	37.4067, 37.8911, 31.3288
YIQ	166.1130, 18.6150, -1.4570

Conversions

Conversions Part 2

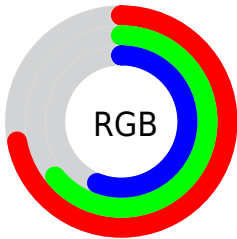
Format	Color
RYB	183, 179, 143
Decimal	12034703
CIELab	67.94, 4.60, 12.69
CIELCh	68, 13.498, 70.058
Yxy	37.8911, 0.3508, 0.3554
Android (android.graphics.Color)	4290224783 (0xFFB7A28F)
YUV	166.1130, -11.3947, 14.8099
Hunter-Lab	61.5557, 0.7498, 12.9134

Details

The XYZ color **37.4067, 37.8911, 31.3288** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.1502, 35.8086, 49.9645**, and the grayscale version is **36.3480, 38.2410, 41.6444**.

A 20% lighter version of the original color is **70.4875, 72.0076, 63.0071**, and **16.7576, 16.6880, 12.6938** is the 20% darker color. If you saturate the color by 10%, you get **34.5042, 34.1265, 24.0707**, and if you desaturate by 10%, it is **40.6667, 42.0082, 39.8228**.

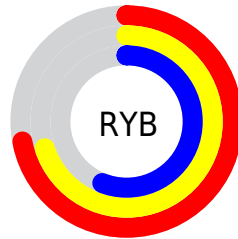
Distribution



Red (72%)

Green (64%)

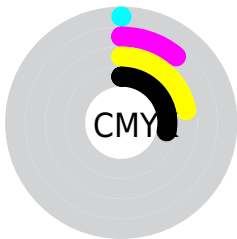
Blue (56%)



Red (72%)

Yellow (70%)

Blue (56%)

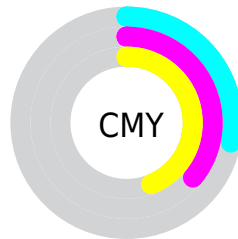


Cyan (0%)

Magenta (11%)

Yellow (22%)

Black (28%)



Cyan (28%)


Magenta (36%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.4067, 37.8911, 31.3288 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 37.4067, 37.8911, 31.3288 by changing the saturation by 10% instead.


 37.4067, 37.8911,
31.3288


 37.4067, 37.8911,
31.3288


326.3930,
337.1526, 322.4482

 25.6977, 25.8982,
20.5888


 70.5076, 71.9412,
62.8430

 16.7291, 16.7475,
12.6354


 92.6302, 94.7672,
84.4543

 10.1356, 10.0546,
7.0502


118.9547,
121.9729, 110.5264

 5.5519, 5.4352,
3.4146

149.8464,
153.9429, 141.4778

 2.6126, 2.5048,
1.3100

185.6708,
191.0614, 177.7272

 0.9524, 0.8790,
0.0700

226.7931,

 0.0000, 0.0000,

233.7130, 219.6930

0.0000

273.5787,
282.2819, 267.7939

■ 37.4067, 37.8911,
31.3288

■ 37.4067, 37.8911,
31.3288

■ 34.5042, 34.1265,
24.0707

■ 40.6667, 42.0082,
39.8228

■ 31.9424, 30.6991,
17.9873

■ 44.2941, 46.4822,
49.6049

■ 29.7073, 27.5999,
13.0161

■ 48.3023, 51.3241,
60.7273

■ 27.7830, 24.8175,
9.0874

■ 52.7029, 56.5427,
73.2386

■ 26.1517, 22.3398,
6.1239

■ 57.5070, 62.1467,
87.1848

■ 24.7935, 20.1534,
4.0369

■ 62.7253, 68.1441,
102.6101

■ 23.6850, 18.2434,
2.7212

■ 65.6659, 73.4620,
105.3264

■ 22.9320, 16.8743,
2.0484

■ 68.4016, 78.9334,
106.2383

■ 71.2868, 84.7038,
107.2000

Harmonies

Analogous

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



39.1885, 37.8911, 34.2647



37.4067, 37.8911, 31.3288



35.3150, 37.8911, 30.9023

Triad

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



37.4067, 37.8911, 31.3288



32.1895, 37.8911, 43.3061



38.6712, 37.8911, 50.7384

Complementary

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



37.4067, 37.8911, 31.3288



33.1502, 35.8086, 49.9645

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.



36.7229, 37.8911, 53.6994



37.4067, 37.8911, 31.3288



33.0164, 37.8911, 49.1411

Square

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



37.4067, 37.8911, 31.3288



32.3565, 37.8911, 37.4436



34.6570, 37.8911, 53.0880



39.9379, 37.8911, 45.3208

Rectangle

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



37.4067, 37.8911, 31.3288



34.0329, 37.8911, 32.0503



34.6570, 37.8911, 53.0880



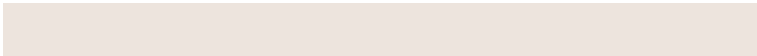
38.0713, 37.8911, 52.0768

Sweetspot

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



37.4077, 37.8928, 31.3296



75.8299, 78.9540, 79.3353



36.0823, 32.4051, 39.6335



16.6636, 17.3337, 17.2942



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



37.4077, 37.8928, 31.3296



64.5412, 64.7045, 49.8983



41.1464, 45.3703, 32.5758



9.3471, 9.6971, 9.4860



16.0655, 11.9074, 1.4516



0.6284, 0.5438, 0.0719

Inverse Universe

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



33.1502, 35.8086, 49.9645



55.6185, 60.3358, 88.9503



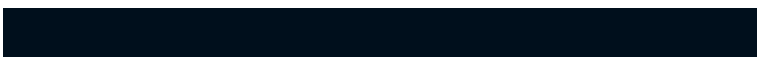
29.8993, 29.3067, 48.8809



8.9007, 9.4786, 11.4399



8.9536, 8.3670, 32.3962



0.3771, 0.4180, 1.1625

Previews

White Background



This preview shows how the XYZ color 37.4067, 37.8911, 31.3288 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 37.4067, 37.8911, 31.3288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

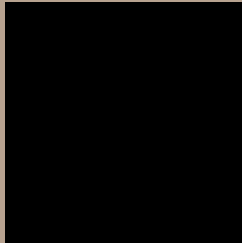
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.4067, 37.8911, 31.3288

Background



This preview shows how black text looks on a background with the XYZ color 37.4067, 37.8911, 31.3288.



This preview shows how white text looks on a background with the XYZ color 37.4067, 37.8911,

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

37.4067, 37.8911, 31.3288

Protanopia

35.7995, 37.8388, 32.2049

Deuteranopia

38.5913, 37.7266, 31.2346



Tritanopia

39.7323, 37.7951, 43.2313

Trichromacy



Original Color

37.4067, 37.8911, 31.3288

Protanomaly

36.4410, 37.9116, 31.7826

Deuteranomaly

38.0222, 37.6896, 31.2574

Tritanomaly

38.7509, 37.6486, 38.4822

Monochromacy



Original Color

37.4067, 37.8911, 31.3288

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.6399, 38.1495, 37.7802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4067, 37.8911, 31.3288 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(183, 162, 143)` looks like.

```
.text, #text, p{  
    color:rgb(183, 162, 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(183, 162, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 162, 143) }
```

Border

The CSS property to change the border of an element to XYZ 37.4067, 37.8911, 31.3288 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(183, 162, 143) }
```


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

```
.border{ border-color:rgb(183, 162, 143) }
```

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

Here you see how a box with a 4 pixel rgb(183, 162, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 162, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 162, 143);  
box-shadow:4px 4px 4px 4px rgb(183, 162,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4067, 37.8911, 31.3288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 162, 143) }
```

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

```
.background{ background-color: rgb(183,  
162, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor