

Converting Colors

XYZ(37.4810, 38.2300, 31.3110)

Have a look what the booklet for
XYZ(37.4810, 38.2300, 31.3110)
contains.

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Color

**XYZ(37.5836, 38.2448,
31.3877)**

Conversions

Conversions Part 1

Format	Color
Hex	B7A38F
RGB	183, 163, 143
RGB Percent	72%, 64%, 56%
CMY	0.2823, 0.3608, 0.4392
CMYK	0.00, 0.11, 0.22, 0.28
HSL	30°, 22%, 64%
HSV	30°, 22%, 72%
XYZ	37.5836, 38.2448, 31.3877
YIQ	166.7000, 18.3400, -1.9800

Conversions

Conversions Part 2

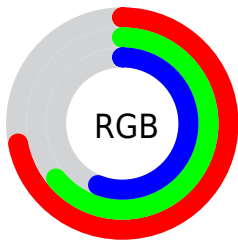
Format	Color
RYB	183, 183, 143
Decimal	12034959
CIELab	68.20, 4.06, 13.06
CIElCh	68, 13.671, 72.732
Yxy	38.2448, 0.3505, 0.3567
Android (android.graphics.Color)	4290225039 (0xFFB7A38F)
YUV	166.7000, -11.6841, 14.2951
Hunter-Lab	61.8424, 0.2560, 13.1974

Details

The XYZ color **37.5836, 38.2448, 31.3877** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.9720, 35.4522, 49.9053**, and the grayscale version is **36.6342, 38.5421, 41.9723**.

A 20% lighter version of the original color is **70.7461, 72.5247, 63.0933**, and **16.8661, 16.9050, 12.7300** is the 20% darker color. If you saturate the color by 10%, you get **34.7431, 34.6041, 24.1502**, and if you desaturate by 10%, it is **40.7699, 42.2145, 39.8571**.

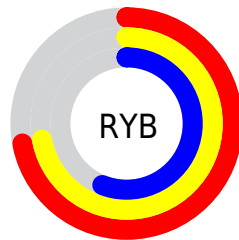
Distribution



Red (72%)

Green (64%)

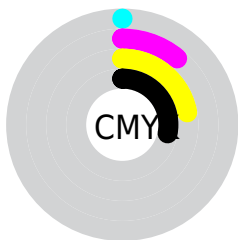
Blue (56%)



Red (72%)

Yellow (72%)

Blue (56%)

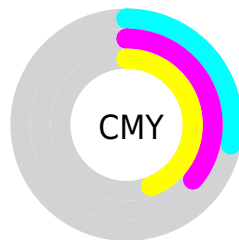


Cyan (0%)

Magenta (11%)

Yellow (22%)

Black (28%)



Cyan (28%)


Magenta (36%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.5836, 38.2448, 31.3877 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 37.5836, 38.2448, 31.3877 by changing the saturation by 10% instead.


 37.5836, 38.2448,
31.3877


 37.5836, 38.2448,
31.3877


327.1422,
338.6689, 322.7268

 25.8354, 26.1727,
20.6333


 70.7775, 72.4832,
62.9367

 16.8326, 16.9529,
12.6676


 92.9539, 95.4183,
84.5683

 10.2098, 10.2009,
7.0720


119.3371,
122.7433, 110.6628

 5.6016, 5.5324,
3.4281

150.2924,
154.8424, 141.6387

 2.6427, 2.5629,
1.3171

186.1852,
192.1001, 177.9145

 0.9678, 0.9080,
0.0758

227.3809,

 0.0000, 0.0000,

234.9009, 219.9088

0.0000

274.2447,
283.6290, 268.0400

■ 37.5836, 38.2448,
31.3877

■ 37.5836, 38.2448,
31.3877

■ 34.7431, 34.6041,
24.1502

■ 40.7699, 42.2145,
39.8571

■ 32.2318, 31.2778,
18.0837

■ 44.3115, 46.5169,
49.6106

■ 30.0364, 28.2579,
13.1257

■ 48.2214, 51.1622,
60.7003

■ 28.1413, 25.5339,
9.2068

■ 52.5108, 56.1584,
73.1745

■ 26.5291, 23.0945,
6.2496

■ 57.1905, 61.5136,
87.0794

■ 25.1805, 20.9274,
4.1659

■ 62.2710, 67.2352,
102.4587

■ 24.0727, 19.0186,
2.8504

■ 65.0597, 72.2496,
105.1243

■ 23.3140, 17.6380,
2.1757

■ 67.6295, 77.3891,
105.9809

■ 70.3343, 82.7987,
106.8825

Harmonies

Analogous

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



39.4522, 38.2448, 34.1582



37.5836, 38.2448, 31.3877



35.4527, 38.2448, 31.1885

Triad

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



37.5836, 38.2448, 31.3877



32.4891, 38.2448, 44.2891



39.2099, 38.2448, 50.8952

Complementary

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



37.5836, 38.2448, 31.3877



32.9720, 35.4522, 49.9053

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.



37.2634, 38.2448, 54.2038



37.5836, 38.2448, 31.3877



33.4159, 38.2448, 50.1463

Square

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



37.5836, 38.2448, 31.3877



32.5672, 38.2448, 38.2466



35.1447, 38.2448, 53.9170



40.4161, 38.2448, 45.2328

Rectangle

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



37.5836, 38.2448, 31.3877



34.1743, 38.2448, 32.5089



35.1447, 38.2448, 53.9170



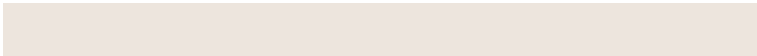
38.6173, 38.2448, 52.3433

Sweetspot

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



37.5846, 38.2465, 31.3885



75.9445, 79.1831, 79.3735



35.9622, 32.3571, 39.0009



16.6909, 17.3883, 17.3033



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.



37.5846, 38.2465, 31.3885



64.9111, 65.4444, 50.0216



41.4203, 45.9179, 32.6671



9.3657, 9.7343, 9.4922



16.3327, 12.4418, 1.5407



0.6377, 0.5624, 0.0749

Inverse Universe

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



32.9720, 35.4522, 49.9053



55.2449, 59.5887, 88.8258



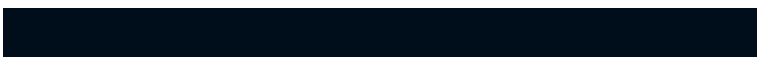
29.6979, 28.9040, 48.8140



8.8820, 9.4413, 11.4337



8.6702, 7.8001, 32.3017



0.3675, 0.3988, 1.1593

Previews

White Background



This preview shows how the XYZ color 37.5836, 38.2448, 31.3877 looks on a white background.

Color Contrast Check

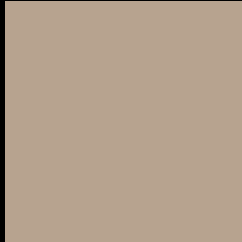
Large Text (above 18pt) WCAG AA × Fail

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 37.5836, 38.2448, 31.3877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

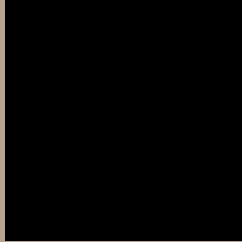
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.5836, 38.2448, 31.3877

Background



This preview shows how black text looks on a background with the XYZ color 37.5836, 38.2448, 31.3877.



This preview shows how white text looks on a background with the XYZ color 37.5836, 38.2448,

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

37.5836, 38.2448, 31.3877

Protanopia

36.1258, 38.2847, 31.8712

Deuteranopia

39.0907, 38.2316, 31.7047



Tritanopia

40.2423, 38.3013, 43.8000

Trichromacy



Original Color

37.5836, 38.2448, 31.3877

Protanomaly

36.6206, 38.2710, 31.8425

Deuteranomaly

38.5179, 38.1947, 31.7278

Tritanomaly

39.2535, 38.1539, 39.0138

Monochromacy



Original Color

37.5836, 38.2448, 31.3877

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.0414, 38.6253, 37.8509

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5836, 38.2448, 31.3877 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, 163, 143)` looks like.

```
.text, #text, p{  
    color:rgb(183, 163, 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, 163, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 163, 143) }
```

Border

The CSS property to change the border of an element to XYZ 37.5836, 38.2448, 31.3877 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, 163, 143) }
```


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

```
.border{ border-color:rgb(183, 163, 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, 163, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 163, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 163, 143);  
box-shadow:4px 4px 4px 4px rgb(183, 163,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5836, 38.2448, 31.3877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 163, 143) }
```

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

```
.background{ background-color: rgb(183,  
163, 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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