

Converting Colors

XYZ(37.7967, 38.2675, 31.1147)

Have a look what the booklet for
XYZ(37.7967, 38.2675, 31.1147)
contains.

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Color

**XYZ(37.7468, 38.3377,
31.0016)**

Conversions

Conversions Part 1

Format	Color
Hex	B8A38E
RGB	184, 163, 142
RGB Percent	72%, 64%, 56%
CMY	0.2784, 0.3608, 0.4431
CMYK	0.00, 0.11, 0.23, 0.28
HSL	30°, 23%, 64%
HSV	30°, 23%, 72%
XYZ	37.7468, 38.3377, 31.0016
YIQ	166.8850, 19.2570, -2.0790

Conversions

Conversions Part 2

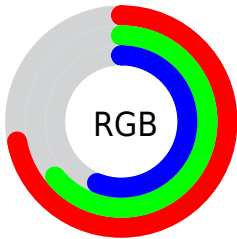
Format	Color
RYB	184, 184, 142
Decimal	12100494
CIELab	68.27, 4.30, 13.72
CIElCh	68, 14.373, 72.613
Yxy	38.3377, 0.3525, 0.3580
Android (android.graphics.Color)	4290290574 (0xFFB8A38E)
YUV	166.8850, -12.2683, 15.0099
Hunter-Lab	61.9174, 0.4636, 13.6562

Details

The XYZ color **37.7468, 38.3377, 31.0016** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.9039, 35.4049, 50.4471**, and the grayscale version is **36.7267, 38.6393, 42.0782**.

A 20% lighter version of the original color is **70.9704, 72.6536, 62.5076**, and **16.8221, 16.8874, 12.4982** is the 20% darker color. If you saturate the color by 10%, you get **34.9038, 34.6829, 23.7917**, and if you desaturate by 10%, it is **40.9387, 42.3249, 39.4539**.

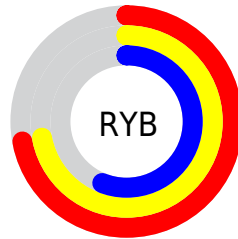
Distribution



Red (72%)

Green (64%)

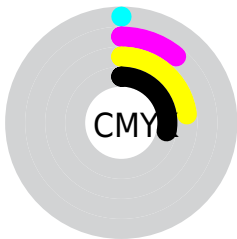
Blue (56%)



Red (72%)

Yellow (72%)

Blue (56%)

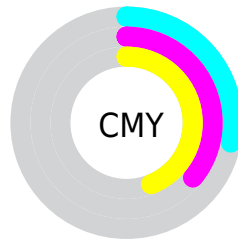


Cyan (0%)

Magenta (11%)

Yellow (23%)

Black (28%)



Cyan (28%)


Magenta (36%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.7468, 38.3377, 31.0016 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 37.7468, 38.3377, 31.0016 by changing the saturation by 10% instead.


 37.7468, 38.3377,
31.0016


 37.7468, 38.3377,
31.0016


327.8322,
339.0664, 320.8971


 25.9626, 26.2449,
20.3416

 71.0263, 72.6254,
62.3222

 16.9282, 17.0069,
12.4571


 93.2522, 95.5892,
83.8199

 10.2783, 10.2394,
6.9295


 119.6895,
122.9453, 109.7672

 5.6475, 5.5580,
3.3402

150.7033,
155.0783, 140.5826

 2.6706, 2.5782,
1.2709

186.6592,
192.3725, 176.6848

 0.9820, 0.9157,
0.0377

227.9224,

 0.0000, 0.0000,

235.2123, 218.4923

0.0000

274.8583,
283.9822, 266.4235

■ 37.7468, 38.3377,
31.0016

■ 37.7468, 38.3377,
31.0016

■ 34.9038, 34.6829,
23.7917

■ 40.9387, 42.3249,
39.4539

■ 32.3930, 31.3456,
17.7619

■ 44.4894, 46.6482,
49.2017

■ 30.2007, 28.3177,
12.8484

■ 48.4120, 51.3180,
60.2981

■ 28.3108, 25.5885,
8.9802

■ 52.7179, 56.3426,
72.7925

■ 26.7058, 23.1463,
6.0779

■ 57.4182, 61.7300,
86.7318

■ 25.3656, 20.9786,
4.0506

■ 62.5235, 67.4879,
102.1604

■ 24.2668, 19.0711,
2.7897

■ 65.3939, 72.5637,
105.1673

■ 23.5958, 17.8476,
2.2013

■ 67.9832, 77.7423,
106.0304

■ 70.7090, 83.1939,
106.9390

Harmonies

Analogous

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



39.7160, 38.3377, 33.9048



37.7468, 38.3377, 31.0016



35.5023, 38.3377, 30.7831

Triad

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



37.7468, 38.3377, 31.0016



32.3784, 38.3377, 44.5074



39.4468, 38.3377, 51.5405

Complementary

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



37.7468, 38.3377, 31.0016



32.9039, 35.4049, 50.4471

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.



37.3916, 38.3377, 55.0377



37.7468, 38.3377, 31.0016



33.3471, 38.3377, 50.7053

Square

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



37.7468, 38.3377, 31.0016



32.4646, 38.3377, 38.1496



35.1614, 38.3377, 54.7172



40.7248, 38.3377, 45.5557

Rectangle

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



37.7468, 38.3377, 31.0016



34.1568, 38.3377, 32.1533



35.1614, 38.3377, 54.7172



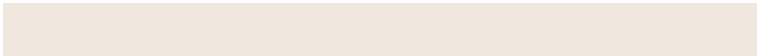
38.8204, 38.3377, 53.0723

Sweetspot

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



37.7478, 38.3394, 31.0024



77.8054, 81.1229, 81.3137



36.0513, 32.1811, 38.9622



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.



37.7478, 38.3394, 31.0024



65.9663, 66.3609, 49.8798



41.7903, 46.4245, 32.3499



9.3657, 9.7343, 9.4922



16.3328, 12.4420, 1.5407



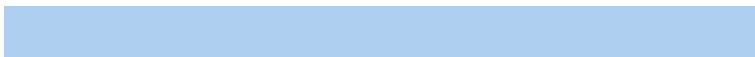
0.6377, 0.5624, 0.0749

Inverse Universe

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



32.9039, 35.4049, 50.4471



55.7525, 60.1731, 90.8807



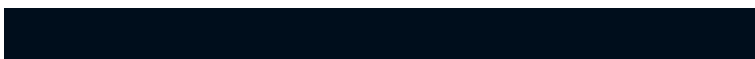
29.4805, 28.5580, 49.3060



8.8820, 9.4413, 11.4337



8.6701, 7.7999, 32.3016



0.3675, 0.3988, 1.1593

Previews

White Background



This preview shows how the XYZ color 37.7468, 38.3377, 31.0016 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 37.7468, 38.3377, 31.0016 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

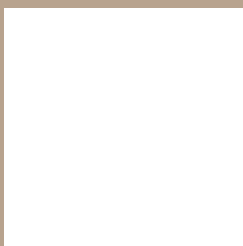
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.7468, 38.3377, 31.0016

Background



This preview shows how black text looks on a background with the XYZ color 37.7468, 38.3377, 31.0016.



This preview shows how white text looks on a background with the XYZ color 37.7468, 38.3377,

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

37.7468, 38.3377, 31.0016

Protanopia

36.3495, 38.4000, 31.8817

Deuteranopia

39.0146, 38.2011, 31.3039



Tritanopia

40.4879, 38.4279, 43.8115

Trichromacy



Original Color

37.7468, 38.3377, 31.0016

Protanomaly

36.7732, 38.3584, 31.4524

Deuteranomaly

38.4418, 38.1643, 31.3269

Tritanomaly

39.4095, 38.2445, 38.5625

Monochromacy



Original Color

37.7468, 38.3377, 31.0016

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 37.7468, 38.3377, 31.0016 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(184, 163, 142)` looks like.

```
.text, #text, p{  
    color:rgb(184, 163, 142)  
}
```

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(184, 163, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 163, 142) }
```

Border

The CSS property to change the border of an element to XYZ 37.7468, 38.3377, 31.0016 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(184, 163, 142) }
```


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

```
.border{ border-color:rgb(184, 163, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 163, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 163, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 163, 142);  
box-shadow:4px 4px 4px 4px rgb(184, 163,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7468, 38.3377, 31.0016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 163, 142) }
```

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

```
.background{ background-color: rgb(184,  
163, 142) }
```

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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