

Converting Colors

XYZ(37.0375, 38.3117, 27.6331)

Have a look what the booklet for
XYZ(37.0375, 38.3117, 27.6331)
contains.

XYZ(37.0375, 38.3117, 27.6331)	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(37.0375, 38.3117,
27.6331)**

Conversions

Conversions Part 1

Format	Color
Hex	B7A485
RGB	183, 164, 133
RGB Percent	72%, 64%, 52%
CMY	0.2824, 0.3568, 0.4784
CMYK	0.00, 0.10, 0.27, 0.28
HSL	37°, 26%, 62%
HSV	37°, 27%, 72%
XYZ	37.0375, 38.3117, 27.6331
YIQ	166.1470, 21.2750, -5.6130

Conversions

Conversions Part 2

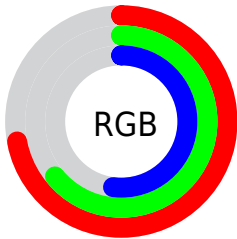
Format	Color
RYB	164, 183, 133
Decimal	12035205
CIELab	68.25, 2.06, 18.63
CIELCh	68, 18.747, 83.690
Yxy	38.3117, 0.3596, 0.3720
Android (android.graphics.Color)	4290225285 (0xFFB7A485)
YUV	166.1470, -16.3415, 14.7801
Hunter-Lab	61.8964, -1.5082, 16.8580

Details

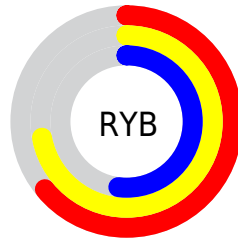
The XYZ color **37.0375, 38.3117, 27.6331** is a light color, and the websafe version is hex **999966**. A complement of this color would be **29.4480, 30.8609, 49.2044**, and the grayscale version is **36.3868, 38.2817, 41.6888**.

A 20% lighter version of the original color is **69.7910, 72.5589, 56.7813**, and **16.4088, 16.8800, 10.5769** is the 20% darker color. If you saturate the color by 10%, you get **34.6716, 35.4299, 21.1410**, and if you desaturate by 10%, it is **39.6937, 41.4211, 35.3096**.

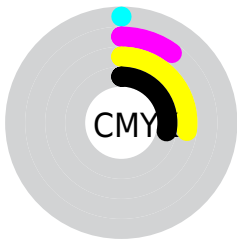
Distribution



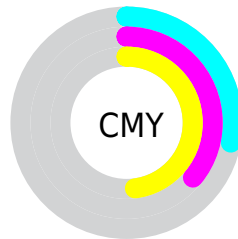
- Red (72%)
- Green (64%)
- Blue (52%)



- Red (64%)
- Yellow (72%)
- Blue (52%)



- Cyan (0%)
- Magenta (10%)
- Yellow (27%)
- Black (28%)



- Cyan (28%)
- Magenta (36%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.0375, 38.3117, 27.6331 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 37.0375, 38.3117, 27.6331 by changing the saturation by 10% instead.

■ 37.0375, 38.3117,
27.6331

■ 37.0375, 38.3117,
27.6331

324.8256,
338.9552, 304.5661

■ 25.4103, 26.2247,
17.8126

■ 69.9439, 72.5856,
56.9142

■ 16.5134, 16.9918,
10.6475

■ 91.9539, 95.5414,
77.2118

■ 9.9813, 10.2287,
5.7192

■ 118.1555,
122.8888, 101.8390

■ 5.4487, 5.5508,
2.6091

148.9141,
155.0123, 131.2142

■ 2.5503, 2.5739,
0.8971

184.5950,
192.2963, 165.7560

■ 0.9207, 0.9136,
0.0000

225.5637,

■ 0.0000, 0.0000,

235.1252, 205.8829

0.0000

272.1854,
283.8834, 252.0134

■ 37.0375, 38.3117,
27.6331

■ 37.0375, 38.3117,
27.6331

■ 34.6716, 35.4299,
21.1410

■ 39.6937, 41.4211,
35.3096

■ 32.5806, 32.7639,
15.7704

■ 42.6489, 44.7593,
44.2244

■ 30.7519, 30.3081,
11.4561

■ 45.9150, 48.3341,
54.4307

■ 29.1705, 28.0548,
8.1252

■ 49.5024, 52.1511,
65.9780

■ 27.8198, 25.9955,
5.6954

■ 53.4209, 56.2160,
78.9132

■ 26.6804, 24.1205,
4.0707

■ 57.6799, 60.5339,
93.2810

■ 25.7247, 22.4168,
3.1118

■ 61.2901, 64.7107,
103.8678

■ 25.4868, 21.9841,
2.9000

■ 63.0730, 68.2765,
104.4621

■ 64.9318, 71.9940,
105.0817

Harmonies

Analogous

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



39.8567, 38.3117, 30.0068



37.0375, 38.3117, 27.6331



34.1950, 38.3117, 28.6041

Triad

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



37.0375, 38.3117, 27.6331



31.4902, 38.3117, 48.5463



41.1501, 38.3117, 52.0283

Complementary

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



37.0375, 38.3117, 27.6331



29.4480, 30.8609, 49.2044

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.



38.7273, 38.3117, 58.3216



37.0375, 38.3117, 27.6331



33.1757, 38.3117, 56.1300

Square

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



37.0375, 38.3117, 27.6331



31.0916, 38.3117, 39.9648



35.7978, 38.3117, 59.9152



42.3119, 38.3117, 43.5154

Rectangle

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



37.0375, 38.3117, 27.6331



32.6559, 38.3117, 31.0923



35.7978, 38.3117, 59.9152



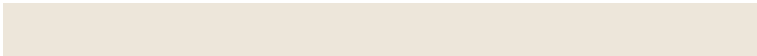
40.4501, 38.3117, 54.5172

Sweetspot

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



37.0385, 38.3134, 27.6339



75.9341, 79.6632, 77.8262



33.5974, 29.1152, 33.6268



16.5892, 17.3915, 16.6323



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.



37.0385, 38.3134, 27.6339



63.6380, 65.3584, 42.0124



39.3367, 44.9271, 28.7893



9.4558, 9.9146, 9.5222



17.8479, 15.4721, 2.0457



0.6869, 0.6608, 0.0913

Inverse Universe

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



29.4480, 30.8609, 49.2044



47.7008, 49.7158, 87.3177



27.5548, 25.6691, 48.3020



8.7933, 9.2637, 11.4041



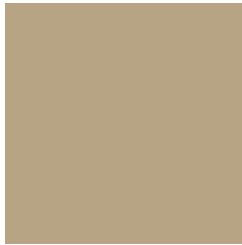
7.5316, 5.5228, 31.9221



0.3260, 0.3156, 1.1455

Previews

White Background



This preview shows how the XYZ color 37.0375, 38.3117, 27.6331 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 37.0375, 38.3117, 27.6331 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

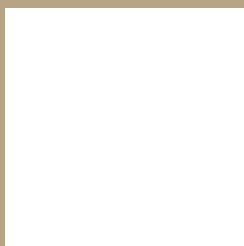
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.0375, 38.3117, 27.6331

Background



This preview shows how black text looks on a background with the XYZ color 37.0375, 38.3117, 27.6331.



This preview shows how white text looks on a background with the XYZ color 37.0375, 38.3117,

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

37.0375, 38.3117, 27.6331

Protanopia

36.0708, 38.3408, 28.0536

Deuteranopia

39.1220, 38.3322, 27.8912



Tritanopia

40.4879, 38.4279, 43.8115

Trichromacy



Original Color

37.0375, 38.3117, 27.6331

Protanomaly

36.3486, 38.2152, 28.0148

Deuteranomaly

38.2831, 38.1581, 27.9018

Tritanomaly

39.0804, 38.3632, 37.2434

Monochromacy



Original Color

37.0375, 38.3117, 27.6331

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.3011, 38.0140, 35.9960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0375, 38.3117, 27.6331 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, 164, 133)` looks like.

```
.text, #text, p{  
    color:rgb(183, 164, 133)  
}
```

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, 164, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 164, 133) }
```

Border

The CSS property to change the border of an element to XYZ 37.0375, 38.3117, 27.6331 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, 164, 133) }
```


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

```
.border{ border-color:rgb(183, 164, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 164, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 164, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 164, 133);  
box-shadow:4px 4px 4px 4px rgb(183, 164,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0375, 38.3117, 27.6331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 164, 133) }
```

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

```
.background{ background-color: rgb(183,  
164, 133) }
```

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