

Converting Colors

XYZ(37.2870, 38.9867, 27.9058)

Have a look what the booklet for
XYZ(37.2870, 38.9867, 27.9058)
contains.

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Color

**XYZ(37.1613, 38.9110,
27.7423)**

Conversions

Conversions Part 1

Format	Color
Hex	B6A685
RGB	182, 166, 133
RGB Percent	71%, 65%, 52%
CMY	0.2863, 0.3490, 0.4784
CMYK	0.00, 0.09, 0.27, 0.29
HSL	40°, 25%, 62%
HSV	40°, 27%, 71%
XYZ	37.1613, 38.9110, 27.7423
YIQ	167.0220, 20.1290, -6.8710

Conversions

Conversions Part 2

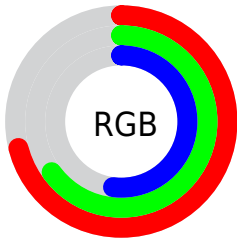
Format	Color
RYB	157, 182, 133
Decimal	11970181
CIELab	68.69, 0.58, 19.22
CIELCh	69, 19.229, 88.262
Yxy	38.9110, 0.3580, 0.3748
Android (android.graphics.Color)	4290160261 (0xFFB6A685)
YUV	167.0220, -16.7728, 13.1357
Hunter-Lab	62.3787, -2.8236, 17.2964

Details

The XYZ color **37.1613, 38.9110, 27.7423** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.8637, 29.8581, 48.4981**, and the grayscale version is **36.8144, 38.7317, 42.1788**.

A 20% lighter version of the original color is **69.9793, 73.4352, 56.9405**, and **16.4807, 17.2484, 10.6443** is the 20% darker color. If you saturate the color by 10%, you get **34.9564, 36.3419, 21.3321**, and if you desaturate by 10%, it is **39.6361, 41.6706, 35.3182**.

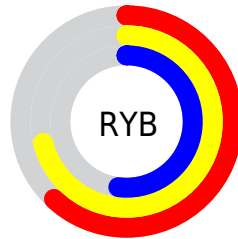
Distribution



Red (71%)

Green (65%)

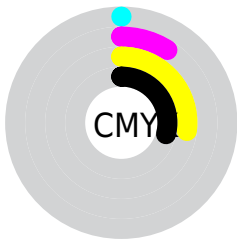
Blue (52%)



Red (62%)

Yellow (71%)

Blue (52%)

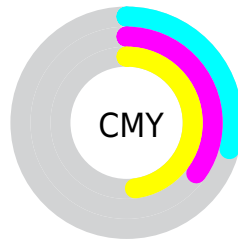


Cyan (0%)

Magenta (9%)

Yellow (27%)

Black (29%)



Cyan (29%)


Magenta (35%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.1613, 38.9110, 27.7423 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 37.1613, 38.9110, 27.7423 by changing the saturation by 10% instead.


 37.1613, 38.9110,
27.7423


 37.1613, 38.9110,
27.7423


325.3518,
341.5120, 305.1066


 25.5067, 26.6905,
17.8941


 70.1330, 73.5023,
57.0909

 16.5857, 17.3409,
10.7054

 92.1808, 96.6420,
77.4284

 10.0330, 10.4779,
5.7574


 118.4237,
124.1901, 102.0994

 5.4833, 5.7169,
2.6317

149.2270,
156.5311, 131.5226

 2.5712, 2.6737,
0.9088

184.9561,
194.0494, 166.1163

 0.9313, 0.9639,
0.0000

225.9763,

 0.0000, 0.0000,

237.1294, 206.2992

0.0000

272.6531,
286.1554, 252.4898

■ 37.1613, 38.9110,
27.7423

■ 37.1613, 38.9110,
27.7423

■ 34.9564, 36.3419,
21.3321

■ 39.6361, 41.6706,
35.3182

■ 33.0063, 33.9522,
16.0259

■ 42.3887, 44.6209,
44.1127

■ 31.2993, 31.7374,
11.7597

■ 45.4307, 47.7688,
54.1780

■ 29.8210, 29.6907,
8.4621

■ 48.7718, 51.1192,
65.5628

■ 28.5556, 27.8046,
6.0524

■ 52.4213, 54.6770,
78.3131

■ 27.4844, 26.0704,
4.4369

■ 56.3881, 58.4466,
92.4727

■ 26.5819, 24.4769,
3.4843

■ 59.7987, 62.0795,
103.4385

■ 26.3232, 24.0086,
3.2467

■ 61.2708, 65.0238,
103.9293

■ 62.7978, 68.0777,
104.4383

Harmonies

Analogous

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



40.1442, 38.9110, 29.6668



37.1613, 38.9110, 27.7423



34.2848, 38.9110, 29.2683

Triad

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



37.1613, 38.9110, 27.7423



32.0710, 38.9110, 50.7977



42.1804, 38.9110, 51.7967

Complementary

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



37.1613, 38.9110, 27.7423



28.8637, 29.8581, 48.4981

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.



39.8208, 38.9110, 58.8869



37.1613, 38.9110, 27.7423



33.9937, 38.9110, 58.2569

Square

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



37.1613, 38.9110, 27.7423



31.4440, 38.9110, 41.8618



36.8067, 38.9110, 61.3973



43.1387, 38.9110, 42.8772

Rectangle

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



37.1613, 38.9110, 27.7423



32.7917, 38.9110, 32.1725



36.8067, 38.9110, 61.3973



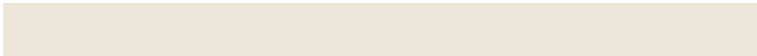
41.5186, 38.9110, 54.5163

Sweetspot

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



37.1623, 38.9128, 27.7431



76.2171, 80.2292, 77.9206



33.1308, 28.9012, 32.4063



16.6627, 17.5386, 16.6568



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.



37.1623, 38.9128, 27.7431



65.0690, 67.8881, 43.5137



38.3804, 44.1292, 28.6858



9.4964, 9.9957, 9.5358



18.6516, 17.0796, 2.3136



0.7113, 0.7097, 0.0995

Inverse Universe

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



28.8637, 29.8581, 48.4981



47.6252, 48.8604, 87.1566



27.8444, 25.8304, 47.7744



8.7541, 9.1855, 11.3910



7.1369, 4.7335, 31.7906



0.3096, 0.2829, 1.1400

Previews

White Background



This preview shows how the XYZ color 37.1613, 38.9110, 27.7423 looks on a white background.

Color Contrast Check

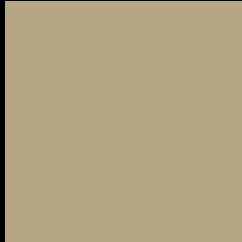
Large Text (above 18pt) WCAG AA × Fail

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 37.1613, 38.9110, 27.7423 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

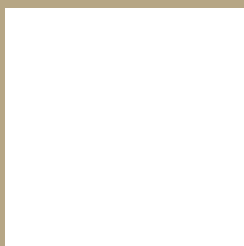
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.1613, 38.9110, 27.7423

Background



This preview shows how black text looks on a background with the XYZ color 37.1613, 38.9110, 27.7423.



This preview shows how white text looks on a background with the XYZ color 37.1613, 38.9110,

27.7423.

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

37.1613, 38.9110, 27.7423

Protanopia

36.4819, 38.8236, 28.1252

Deuteranopia

39.5536, 38.8131, 27.9612



Tritanopia

40.7812, 39.0717, 44.9273

Trichromacy



Original Color

37.1613, 38.9110, 27.7423

Protanomaly

36.7122, 38.9424, 28.1359

Deuteranomaly

38.6355, 38.8628, 28.0192

Tritanomaly

39.2763, 38.9773, 37.8010

Monochromacy



Original Color

37.1613, 38.9110, 27.7423

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.7484, 38.7746, 36.5578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1613, 38.9110, 27.7423 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(182, 166, 133)` looks like.

```
.text, #text, p{  
    color:rgb(182, 166, 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(182, 166, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 166, 133) }
```

Border

The CSS property to change the border of an element to XYZ 37.1613, 38.9110, 27.7423 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(182, 166, 133) }
```


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

```
.border{ border-color:rgb(182, 166, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 166, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 166, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 166, 133);  
box-shadow:4px 4px 4px 4px rgb(182, 166,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1613, 38.9110, 27.7423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 166, 133) }
```

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

```
.background{ background-color: rgb(182,  
166, 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](#).

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