

Converting Colors

XYZ(37.1009, 36.4617, 19.2697)

Have a look what the booklet for
XYZ(37.1009, 36.4617, 19.2697)
contains.

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Color

**XYZ(37.1009, 36.4617,
19.2697)**

Conversions

Conversions Part 1

Format	Color
Hex	C39C6C
RGB	195, 156, 108
RGB Percent	76%, 61%, 42%
CMY	0.2353, 0.3882, 0.5765
CMYK	0.00, 0.20, 0.45, 0.24
HSL	33°, 42%, 59%
HSV	33°, 45%, 76%
XYZ	37.1009, 36.4617, 19.2697
YIQ	162.1890, 38.6520, -6.6600

Conversions

Conversions Part 2

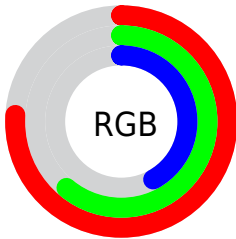
Format	Color
RYB	179, 195, 108
Decimal	12819564
CIELab	66.87, 8.21, 30.59
CIElCh	67, 31.676, 74.977
Yxy	36.4617, 0.3997, 0.3928
Android (android.graphics.Color)	4291009644 (0xFFC39C6C)
YUV	162.1890, -26.7152, 28.7752
Hunter-Lab	60.3835, 4.0030, 23.3477

Details

The XYZ color **37.1009, 36.4617, 19.2697** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **26.4680, 27.9947, 55.6382**, and the grayscale version is **34.5406, 36.3394, 39.5736**.

A 20% lighter version of the original color is **69.8998, 69.5139, 42.9911**, and **16.5146, 15.9184, 6.4771** is the 20% darker color. If you saturate the color by 10%, you get **34.7629, 33.2648, 13.9304**, and if you desaturate by 10%, it is **39.7784, 39.9660, 25.8681**.

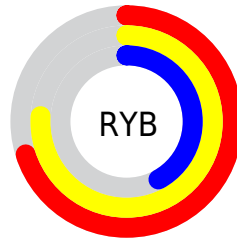
Distribution



Red (76%)

Green (61%)

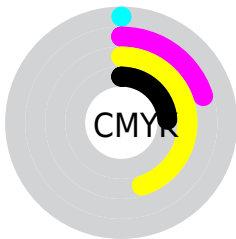
Blue (42%)



Red (70%)

Yellow (76%)

Blue (42%)

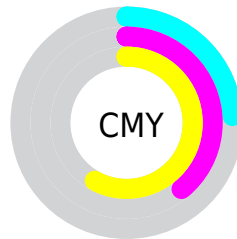


Cyan (0%)

Magenta (20%)

Yellow (45%)

Black (24%)



Cyan (24%)

Magenta (39%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.1009, 36.4617, 19.2697 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 37.1009, 36.4617, 19.2697 by changing the saturation by 10% instead.

■ 37.1009, 36.4617,
19.2697

■ 37.1009, 36.4617,
19.2697

325.0951,
330.9741, 260.4058

■ 25.4597, 24.7910,
11.6865

■ 70.0408, 69.7441,
43.0321

■ 16.5504, 15.9214,
6.4107

■ 92.0701, 92.1246,
60.0484

■ 10.0078, 9.4686,
3.0236

■ 118.2928,
118.8437, 81.0462

■ 5.4664, 5.0480,
1.1067

■ 149.0743,
150.2860, 106.4439

■ 2.5610, 2.2755,
0.0000

184.7800,
186.8358, 136.6602

■ 0.9261, 0.7607,
0.0000

225.7751,

■ 0.0000, 0.0000,

228.8775, 172.1136

0.0000

272.4250,
276.7954, 213.2226

■ 37.1009, 36.4617,
19.2697

■ 37.1009, 36.4617,
19.2697

■ 34.7629, 33.2648,
13.9304

■ 39.7784, 39.9660,
25.8681

■ 32.7437, 30.3595,
9.7647

■ 42.8091, 43.7825,
33.7989

■ 31.0246, 27.7359,
6.6799


■ 46.2090, 47.9223,
43.1325


■ 29.5827, 25.3811,
4.5683


■ 49.9922, 52.3943,
53.9334


■ 28.3909, 23.2804,
3.2989


■ 54.1722, 57.2071,
66.2623

 27.8257, 22.2422,
2.8266

 58.7615, 62.3686,
80.1764

 63.7723, 67.8868,
95.7299

 67.7325, 73.1757,
105.1622

 70.1692, 78.0491,
105.9744

Harmonies

Analogous

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



41.5952, 36.4617, 23.8095



37.1009, 36.4617, 19.2697



32.3274, 36.4617, 19.2663

Triad

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



37.1009, 36.4617, 19.2697



26.4906, 36.4617, 46.9224



41.5892, 36.4617, 61.4608

Complementary

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



37.1009, 36.4617, 19.2697



26.4680, 27.9947, 55.6382

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.



37.0933, 36.4617, 71.0601



37.1009, 36.4617, 19.2697



28.5345, 36.4617, 61.4405

Square

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



37.1009, 36.4617, 19.2697



26.4922, 36.4617, 33.2422



32.3205, 36.4617, 71.0519



44.3445, 36.4617, 46.9456

Rectangle

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



37.1009, 36.4617, 19.2697



29.6349, 36.4617, 21.7577



32.3205, 36.4617, 71.0519



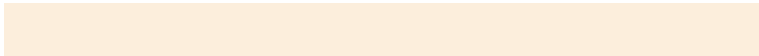
40.2140, 36.4617, 65.5035

Sweetspot

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



37.1018, 36.4634, 19.2704



83.6764, 86.9251, 79.8225



33.1467, 24.4388, 30.6360



18.0066, 18.6551, 16.5893



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



37.1018, 36.4634, 19.2704



62.1743, 59.4564, 24.7611



43.6199, 51.1439, 21.7605



10.5236, 10.9786, 10.6263



18.1702, 14.6262, 1.8655



0.8531, 0.7679, 0.1033

Inverse Universe

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



26.4680, 27.9947, 55.6382



40.6292, 42.3140, 98.4958



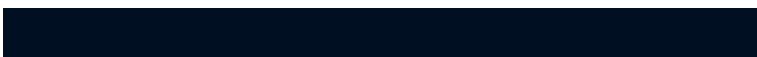
21.9399, 18.1334, 53.9734



9.8917, 10.4747, 12.7853



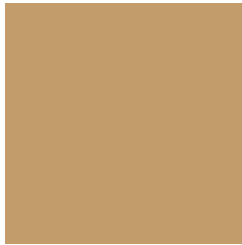
8.7200, 7.1966, 34.4861



0.4455, 0.4483, 1.5129

Previews

White Background



This preview shows how the XYZ color 37.1009, 36.4617, 19.2697 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 37.1009, 36.4617, 19.2697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

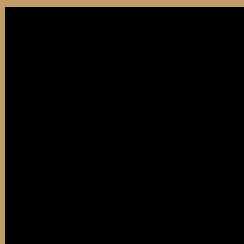
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.1009, 36.4617, 19.2697

Background



This preview shows how black text looks on a background with the XYZ color 37.1009, 36.4617, 19.2697.



This preview shows how white text looks on a background with the XYZ color 37.1009, 36.4617,

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

37.1009, 36.4617, 19.2697

Protanopia

33.8709, 36.5722, 20.3129

Deuteranopia

37.1009, 36.4617, 19.2697



Tritanopia

40.9999, 36.3475, 38.5730

Trichromacy



Original Color

37.1009, 36.4617, 19.2697

Protanomaly

34.9137, 36.3347, 19.9250

Deuteranomaly

37.1009, 36.4617, 19.2697

Tritanomaly

39.3994, 36.4152, 30.5435

Monochromacy



Original Color

37.1009, 36.4617, 19.2697

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.9088, 36.0933, 30.7180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1009, 36.4617, 19.2697 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(195, 156, 108)` looks like.

```
.text, #text, p{  
    color:rgb(195, 156, 108)  
}
```

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(195, 156, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 156, 108) }
```

Border

The CSS property to change the border of an element to XYZ 37.1009, 36.4617, 19.2697 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(195, 156, 108) }
```


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

```
.border{ border-color:rgb(195, 156, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 156, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 156, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 156, 108);  
box-shadow:4px 4px 4px 4px rgb(195, 156,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1009, 36.4617, 19.2697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 156, 108) }
```

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

```
.background{ background-color: rgb(195,  
156, 108) }
```

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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