

Converting Colors

XYZ(33.9871, 36.8513, 29.7294)

Have a look what the booklet for
XYZ(33.9871, 36.8513, 29.7294)
contains.

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Color

**XYZ(34.0517, 36.9898,
29.7711)**

Conversions

Conversions Part 1

Format	Color
Hex	A7A58B
RGB	167, 165, 139
RGB Percent	65%, 65%, 55%
CMY	0.3451, 0.3529, 0.4549
CMYK	0.00, 0.01, 0.17, 0.35
HSL	56°, 14%, 60%
HSV	56°, 17%, 65%
XYZ	34.0517, 36.9898, 29.7711
YIQ	162.6340, 9.5380, -7.6620

Conversions

Conversions Part 2

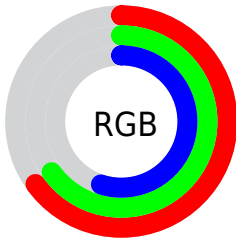
Format	Color
RYB	141, 167, 139
Decimal	10986891
CIELab	67.27, -3.80, 13.76
CIElCh	67, 14.274, 105.455
Yxy	36.9898, 0.3378, 0.3669
Android (android.graphics.Color)	4289176971 (0xFFA7A58B)
YUV	162.6340, -11.6516, 3.8290
Hunter-Lab	60.8192, -6.4944, 13.5509

Details

The XYZ color **34.0517, 36.9898, 29.7711** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.1474, 27.3283, 40.4037**, and the grayscale version is **34.6910, 36.4977, 39.7460**.

A 20% lighter version of the original color is **65.3430, 70.5663, 60.6288**, and **14.7785, 16.1764, 11.7946** is the 20% darker color. If you saturate the color by 10%, you get **32.7101, 36.1123, 23.7567**, and if you desaturate by 10%, it is **35.5837, 37.9492, 36.7695**.

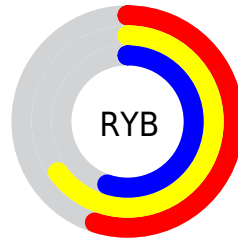
Distribution



Red (65%)

Green (65%)

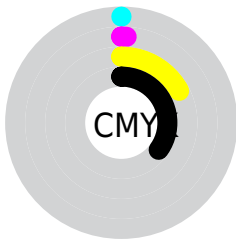
Blue (55%)



Red (55%)

Yellow (65%)

Blue (55%)

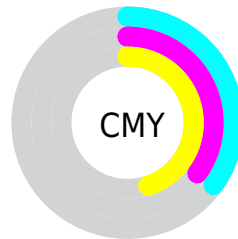


Cyan (0%)

Magenta (1%)

Yellow (17%)

Black (35%)



Cyan (35%)

Magenta (35%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.0517, 36.9898, 29.7711 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 34.0517, 36.9898, 29.7711 by changing the saturation by 10% instead.

■ 34.0517, 36.9898,
29.7711

■ 34.0517, 36.9898,
29.7711

311.9444,
333.2664, 315.0101

■ 23.0964, 25.1996,
19.4143

■ 65.3578, 70.5571,
60.3567

■ 14.7858, 16.2258,
11.7902

■ 86.4393, 93.1030,
81.4227

■ 8.7545, 9.6841,
6.4802

■ 111.6270,
120.0029, 106.8954

■ 4.6372, 5.1900,
3.0657

141.2861,
151.6412, 137.1935

■ 2.0686, 2.3592,
1.1283

175.7820,
188.4023, 172.7354

■ 0.6720, 0.8048,
0.0000

215.4802,

■ 0.0000, 0.0000,

230.6706, 213.9398

0.0000

260.7458,
278.8305, 261.2252

■ 34.0517, 36.9898,
29.7711

■ 34.0517, 36.9898,
29.7711

■ 32.7101, 36.1123,
23.7567

■ 35.5837, 37.9492,
36.7695

■ 31.5476, 35.3083,
18.6796

■ 37.3111, 38.9886,
44.7912

■ 30.5559, 34.5759,
14.4928

■ 39.2422, 40.1128,
53.8762

■ 29.7253, 33.9111,
11.1441

■ 41.3842, 41.3246,
64.0615

■ 29.0448, 33.3095,
8.5763

■ 43.7438, 42.6267,
75.3825

■ 28.5022, 32.7662,
6.7245

■ 46.3274, 44.0215,
87.8730

■ 28.0831, 32.2755,
5.5138

■ 48.9955, 45.4535,
100.7988

■ 27.7670, 31.8291,
4.8352

■ 49.2254, 45.9134,
100.8755

■ 27.6731, 31.6888,
4.6580

■ 49.4575, 46.3775,
100.9528

Harmonies

Analogous

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



36.2217, 36.9898, 29.7307



34.0517, 36.9898, 29.7711



32.2521, 36.9898, 32.4229

Triad

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



34.0517, 36.9898, 29.7711



32.2966, 36.9898, 49.4583



39.3762, 36.9898, 43.3685

Complementary

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



34.0517, 36.9898, 29.7711



27.1474, 27.3283, 40.4037

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.



38.2327, 36.9898, 49.3037



34.0517, 36.9898, 29.7711



34.1148, 36.9898, 53.0586

Square

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



34.0517, 36.9898, 29.7711



31.2678, 36.9898, 43.5625



36.2874, 36.9898, 52.9992



39.3576, 36.9898, 37.1584

Rectangle

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



34.0517, 36.9898, 29.7711



31.4785, 36.9898, 35.4886



36.2874, 36.9898, 52.9992



39.1130, 36.9898, 45.4748

Sweetspot

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



34.0527, 36.9914, 29.7719



64.2210, 68.2654, 68.1285



30.0020, 28.6143, 29.2719



14.3266, 15.2492, 15.0389



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



34.0527, 36.9914, 29.7719



60.0829, 65.6666, 49.2466



32.0610, 36.5035, 29.7827



8.1004, 8.6809, 8.0379



21.1906, 24.2784, 3.5693



0.5286, 0.6168, 0.0912

Inverse Universe

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



27.1474, 27.3283, 40.4037



45.4359, 45.1704, 71.7993



28.9088, 27.8032, 40.4025



7.1732, 7.3833, 9.4654



5.4519, 2.3640, 28.1444



0.1456, 0.0835, 0.6891

Previews

White Background



This preview shows how the XYZ color 34.0517, 36.9898, 29.7711 looks on a white background.

Color Contrast Check

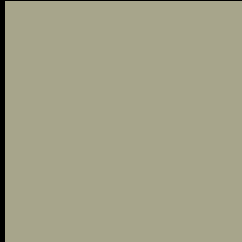
Large Text (above 18pt) WCAG AA × Fail

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 34.0517, 36.9898, 29.7711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

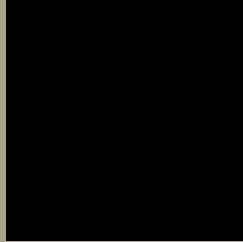
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.0517, 36.9898, 29.7711

Background



This preview shows how black text looks on a background with the XYZ color 34.0517, 36.9898, 29.7711.



This preview shows how white text looks on a background with the XYZ color 34.0517, 36.9898,

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

34.0517, 36.9898, 29.7711

Protanopia

34.6979, 36.8000, 29.3191

Deuteranopia

37.6995, 37.0385, 29.9731



Tritanopia

37.1269, 36.9294, 44.7065

Trichromacy



Original Color

34.0517, 36.9898, 29.7711

Protanomaly

34.4405, 36.9319, 29.3581

Deuteranomaly

36.3009, 37.0865, 30.0561

Tritanomaly

35.9309, 36.9599, 38.9584

Monochromacy



Original Color

34.0517, 36.9898, 29.7711

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.4180, 36.7765, 35.8564

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0517, 36.9898, 29.7711 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(167, 165, 139)` looks like.

```
.text, #text, p{  
    color:rgb(167, 165, 139)  
}
```

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(167, 165, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 165, 139) }
```

Border

The CSS property to change the border of an element to XYZ 34.0517, 36.9898, 29.7711 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(167, 165, 139) }
```


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

```
.border{ border-color:rgb(167, 165, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 165, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 165, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 165, 139);  
box-shadow:4px 4px 4px 4px rgb(167, 165,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0517, 36.9898, 29.7711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 165, 139) }
```

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

```
.background{ background-color: rgb(167,  
165, 139) }
```

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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