

Converting Colors

XYZ(37.0986, 36.4418, 31.4642)

Have a look what the booklet for
XYZ(37.0986, 36.4418, 31.4642)
contains.

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Color

**XYZ(37.0986, 36.4418,
31.4642)**

Conversions

Conversions Part 1

Format	Color
Hex	B99D90
RGB	185, 157, 144
RGB Percent	73%, 62%, 56%
CMY	0.2745, 0.3843, 0.4353
CMYK	0.00, 0.15, 0.22, 0.27
HSL	19°, 23%, 65%
HSV	19°, 22%, 73%
XYZ	37.0986, 36.4418, 31.4642
YIQ	163.8900, 20.8610, 1.8930

Conversions

Conversions Part 2

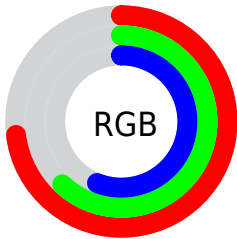
Format	Color
R _Y B	185, 163, 144
Decimal	12164496
CIE Lab	66.86, 8.27, 10.63
CIE LCh	67, 13.467, 52.123
Yxy	36.4418, 0.3533, 0.3470
Android (android.graphics.Color)	4290354576 (0xFFB99D90)
YUV	163.8900, -9.8058, 18.5135
Hunter-Lab	60.3670, 4.0549, 11.3541

Details

The XYZ color **37.0986, 36.4418, 31.4642** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.0108, 38.9362, 51.5694**, and the grayscale version is **35.2733, 37.1102, 40.4130**.

A 20% lighter version of the original color is **70.0122, 69.8650, 63.2213**, and **16.5345, 15.9415, 12.7952** is the 20% darker color. If you saturate the color by 10%, you get **33.7712, 31.8672, 23.9414**, and if you desaturate by 10%, it is **40.8808, 41.5544, 40.2826**.

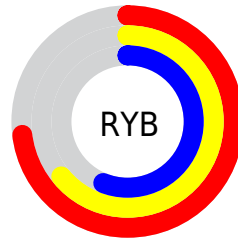
Distribution



Red (73%)

Green (62%)

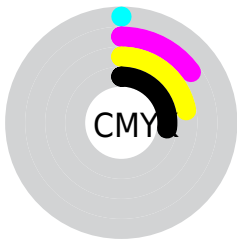
Blue (56%)



Red (73%)

Yellow (64%)

Blue (56%)

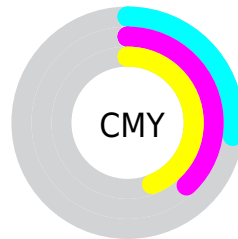


Cyan (0%)

Magenta (15%)

Yellow (22%)

Black (27%)



Cyan (27%)


Magenta (38%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.0986, 36.4418, 31.4642 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 37.0986, 36.4418, 31.4642 by changing the saturation by 10% instead.


 37.0986, 36.4418,
31.4642


 37.0986, 36.4418,
31.4642

325.0853,
330.8875, 323.0884

 25.4579, 24.7756,
20.6912


 70.0373, 69.7134,
63.0583

 16.5491, 15.9099,
12.7094


 92.0659, 92.0876,
84.7164

 10.0068, 9.4605,
7.1004


118.2879,
118.8000, 110.8400

 5.4658, 5.0427,
3.4456

149.0685,
150.2349, 141.8475

 2.5606, 2.2723,
1.3264

184.7733,
186.7767, 178.1576

 0.9259, 0.7590,
0.0833

225.7674,

 0.0000, 0.0000,

228.8098, 220.1888

0.0000

272.4163,
276.7186, 268.3595

■ 37.0986, 36.4418,
31.4642

■ 37.0986, 36.4418,
31.4642

■ 33.7712, 31.8672,
23.9414

■ 40.8808, 41.5544,
40.2826

■ 30.8776, 27.8078,
17.6502

■ 45.1316, 47.2171,
50.4519

■ 28.3995, 24.2463,
12.5249

■ 49.8681, 53.4477,
62.0266

■ 26.3163, 21.1626,
8.4923

■ 55.1055, 60.2617,
75.0579

■ 24.6050, 18.5350,
5.4710

■ 60.8582, 67.6741,
89.5942

■ 23.2402, 16.3401,
3.3680

■ 67.1401, 75.6991,
105.6805

■ 22.1926, 14.5517,
2.0726

■ 70.8412, 83.1014,
106.9142

■ 21.5550, 13.4089,
1.4521

■ 73.8177, 89.0544,
107.9063

Harmonies

Analogous

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



38.3948, 36.4418, 35.6012



37.0986, 36.4418, 31.4642



35.1766, 36.4418, 29.5690

Triad

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



37.0986, 36.4418, 31.4642



30.8988, 36.4418, 38.1609



36.1335, 36.4418, 51.0084

Complementary

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



37.0986, 36.4418, 31.4642



35.0108, 38.9362, 51.5694

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.



34.1026, 36.4418, 51.8648



37.0986, 36.4418, 31.4642



31.1324, 36.4418, 44.0567

Square

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



37.0986, 36.4418, 31.4642



31.6352, 36.4418, 33.1804



32.2865, 36.4418, 49.2118



37.8226, 36.4418, 46.9749

Rectangle

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



37.0986, 36.4418, 31.4642



33.8205, 36.4418, 29.6879



32.2865, 36.4418, 49.2118



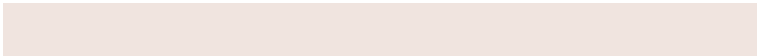
35.4663, 36.4418, 51.6923

Sweetspot

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



37.0996, 36.4435, 31.4650



76.9522, 79.4166, 81.0293



37.4292, 33.2405, 43.4818



16.4927, 16.9918, 17.2372



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.



37.0996, 36.4435, 31.4650



63.1983, 60.8250, 48.9572



40.8598, 43.9639, 32.7184



9.2309, 9.4647, 9.4473



14.7357, 9.2478, 1.0083



0.5768, 0.4407, 0.0547

Inverse Universe

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



35.0108, 38.9362, 51.5694



58.7355, 66.1390, 91.8750



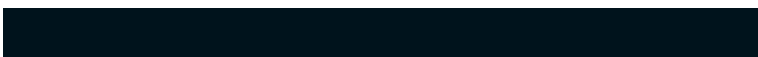
31.4089, 31.7324, 50.3688



9.0200, 9.7172, 11.4796



11.1390, 12.7378, 33.1246



0.4457, 0.5550, 1.1854

Previews

White Background



This preview shows how the XYZ color 37.0986, 36.4418, 31.4642 looks on a white background.

Color Contrast Check

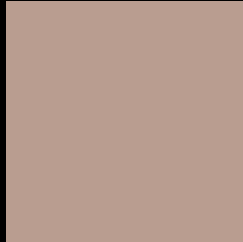
Large Text (above 18pt) WCAG AA × Fail

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 37.0986, 36.4418, 31.4642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

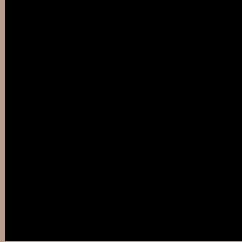
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.0986, 36.4418, 31.4642

Background



This preview shows how black text looks on a background with the XYZ color 37.0986, 36.4418, 31.4642.



This preview shows how white text looks on a background with the XYZ color 37.0986, 36.4418,

31.4642.

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

37.0986, 36.4418, 31.4642

Protanopia

34.5490, 36.3823, 32.8053

Deuteranopia

37.0986, 36.4418, 31.4642



Tritanopia

39.1776, 36.5557, 41.0675

Trichromacy



Original Color

37.0986, 36.4418, 31.4642

Protanomaly

35.4383, 36.3309, 32.3389

Deuteranomaly

37.0986, 36.4418, 31.4642

Tritanomaly

38.3864, 36.4761, 37.3652

Monochromacy



Original Color

37.0986, 36.4418, 31.4642

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.8439, 36.6947, 37.0919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0986, 36.4418, 31.4642 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(185, 157, 144)` looks like.

```
.text, #text, p{  
    color:rgb(185, 157, 144)  
}
```

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(185, 157, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 157, 144) }
```

Border

The CSS property to change the border of an element to XYZ 37.0986, 36.4418, 31.4642 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(185, 157, 144) }
```


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

```
.border{ border-color:rgb(185, 157, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 157, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 157, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 157, 144);  
box-shadow:4px 4px 4px 4px rgb(185, 157,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0986, 36.4418, 31.4642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 157, 144) }
```

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

```
.background{ background-color: rgb(185,  
157, 144) }
```

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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