

Converting Colors

XYZ(37.2149, 36.3033, 29.0905)

Have a look what the booklet for
XYZ(37.2149, 36.3033, 29.0905)
contains.

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Color

**XYZ(37.2149, 36.3033,
29.0905)**

Conversions

Conversions Part 1

Format	Color
Hex	BC9C8A
RGB	188, 156, 138
RGB Percent	74%, 61%, 54%
CMY	0.2627, 0.3882, 0.4588
CMYK	0.00, 0.17, 0.27, 0.26
HSL	22°, 27%, 64%
HSV	22°, 27%, 74%
XYZ	37.2149, 36.3033, 29.0905
YIQ	163.5160, 24.8500, 1.1860

Conversions

Conversions Part 2

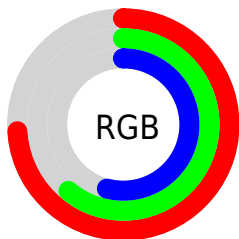
Format	Color
RYB	188, 166, 138
Decimal	12360842
CIELab	66.75, 9.10, 13.86
CIElCh	67, 16.583, 56.707
Yxy	36.3033, 0.3627, 0.3538
Android (android.graphics.Color)	4290550922 (0xFFBC9C8A)
YUV	163.5160, -12.5794, 21.4725
Hunter-Lab	60.2522, 4.8095, 13.5506

Details

The XYZ color **37.2149, 36.3033, 29.0905** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.9325, 37.7822, 53.0812**, and the grayscale version is **35.1071, 36.9354, 40.2226**.

A 20% lighter version of the original color is **70.3544, 69.7626, 59.0477**, and **16.6445, 15.8761, 11.4196** is the 20% darker color. If you saturate the color by 10%, you get **34.0503, 31.9669, 21.8917**, and if you desaturate by 10%, it is **40.8170, 41.1372, 37.5983**.

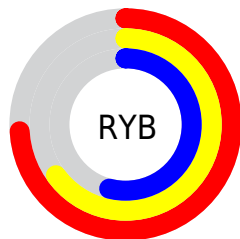
Distribution



Red (74%)

Green (61%)

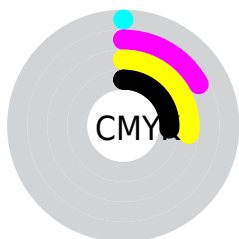
Blue (54%)



Red (74%)

Yellow (65%)

Blue (54%)

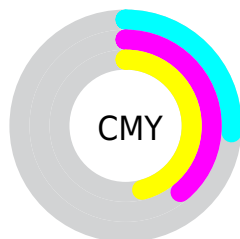


Cyan (0%)

Magenta (17%)

Yellow (27%)

Black (26%)



Cyan (26%)


Magenta (39%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.2149, 36.3033, 29.0905 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 37.2149, 36.3033, 29.0905 by changing the saturation by 10% instead.


 37.2149, 36.3033,
29.0905


 37.2149, 36.3033,
29.0905

325.5794,
330.2843, 311.7160


 25.5484, 24.6685,
18.9031


 70.2149, 69.4999,
59.2647

 16.6170, 15.8303,
11.4242


 92.2790, 91.8306,
80.0887

 10.0554, 9.4041,
6.2352


 118.5397,
118.4954, 105.2952

 5.4982, 5.0057,
2.9175

149.3624,
149.8786, 135.3029

 2.5802, 2.2506,
1.0527

185.1123,
186.3647, 170.5303

 0.9359, 0.7474,
0.0000

226.1549,

 0.0000, 0.0000,

228.3381, 211.3959

0.0000

272.8555,
276.1832, 258.3183

■ 37.2149, 36.3033,
29.0905

■ 37.2149, 36.3033,
29.0905

■ 34.0503, 31.9669,
21.8917

■ 40.8170, 41.1372,
37.5983

■ 31.3024, 28.1066,
15.9339

■ 44.8706, 46.4793,
47.4741

■ 28.9530, 24.7067,
11.1462

■ 49.3925, 52.3460,
58.7760

■ 26.9810, 21.7485,
7.4494

■ 54.3978, 58.7516,
71.5578

■ 25.3631, 19.2121,
4.7545

■ 59.9008, 65.7098,
85.8709

■ 24.0732, 17.0755,
2.9582

■ 65.9153, 73.2338,
101.7639

■ 23.0781, 15.3133,
1.9232

■ 70.0133, 80.3599,
106.4287

■ 22.7878, 14.7889,
1.6535

■ 73.6775, 87.6882,
107.6500

■ 74.5490, 89.4314,
107.9406

Harmonies

Analogous

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



38.9853, 36.3033, 33.6517



37.2149, 36.3033, 29.0905



34.7824, 36.3033, 27.3030

Triad

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



37.2149, 36.3033, 29.0905



29.9202, 36.3033, 38.7416



36.7136, 36.3033, 53.1631

Complementary

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



37.2149, 36.3033, 29.0905



33.9325, 37.7822, 53.0812

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.



34.2295, 36.3033, 54.9465



37.2149, 36.3033, 29.0905



30.3821, 36.3033, 46.0516

Square

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



37.2149, 36.3033, 29.0905



30.6368, 36.3033, 32.4349



31.9303, 36.3033, 52.2042



38.6862, 36.3033, 47.5867

Rectangle

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



37.2149, 36.3033, 29.0905



33.1401, 36.3033, 27.7422



31.9303, 36.3033, 52.2042



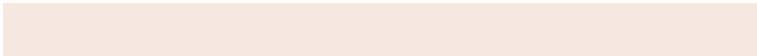
35.9073, 36.3033, 54.2531

Sweetspot

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



37.2159, 36.3050, 29.0912



80.1386, 82.6887, 83.1255



37.1308, 31.7899, 42.4579



16.9875, 17.4592, 17.2722



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



37.2159, 36.3050, 29.0912



63.9536, 61.0300, 44.7092



41.7490, 45.3712, 30.6023



9.8038, 10.0836, 10.0062



15.5799, 10.1985, 1.1474



0.6730, 0.5249, 0.0658

Inverse Universe

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



33.9325, 37.7822, 53.0812



56.9822, 64.1534, 95.6058



29.7606, 29.4384, 51.6906



9.5118, 10.2158, 12.1427



10.8504, 11.8126, 34.1011



0.4849, 0.5825, 1.3557

Previews

White Background



This preview shows how the XYZ color 37.2149, 36.3033, 29.0905 looks on a white background.

Color Contrast Check

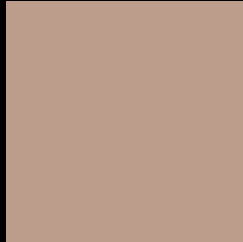
Large Text (above 18pt) WCAG AA × Fail

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 37.2149, 36.3033, 29.0905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

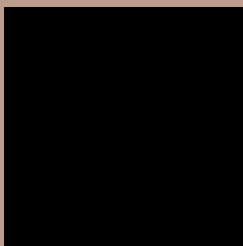
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.2149, 36.3033, 29.0905

Background



This preview shows how black text looks on a background with the XYZ color 37.2149, 36.3033, 29.0905.



This preview shows how white text looks on a background with the XYZ color 37.2149, 36.3033,

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

37.2149, 36.3033, 29.0905

Protanopia

34.3056, 36.3098, 30.3997

Deuteranopia

36.9694, 36.1767, 29.0791



Tritanopia

39.4149, 36.2132, 40.0344

Trichromacy



Original Color

37.2149, 36.3033, 29.0905

Protanomaly

35.4359, 36.3822, 29.9657

Deuteranomaly

36.9694, 36.1767, 29.0791

Tritanomaly

38.5428, 36.0962, 35.9462

Monochromacy



Original Color

37.2149, 36.3033, 29.0905

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.8948, 36.7405, 36.2101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2149, 36.3033, 29.0905 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(188, 156, 138)` looks like.

```
.text, #text, p{  
    color:rgb(188, 156, 138)  
}
```

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(188, 156, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 156, 138) }
```

Border

The CSS property to change the border of an element to XYZ 37.2149, 36.3033, 29.0905 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(188, 156, 138) }
```


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

```
.border{ border-color:rgb(188, 156, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 156, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 156, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 156, 138);  
box-shadow:4px 4px 4px 4px rgb(188, 156,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2149, 36.3033, 29.0905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 156, 138) }
```

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

```
.background{ background-color: rgb(188,  
156, 138) }
```

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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