

Converting Colors

XYZ(37.1362, 33.2093, 37.0436)

Have a look what the booklet for
XYZ(37.1362, 33.2093, 37.0436)
contains.

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Color

**XYZ(37.2175, 33.2685,
37.2608)**

Conversions

Conversions Part 1

Format	Color
Hex	BD909F
RGB	189, 144, 159
RGB Percent	74%, 56%, 62%
CMY	0.2588, 0.4353, 0.3765
CMYK	0.00, 0.24, 0.16, 0.26
HSL	340°, 25%, 65%
HSV	340°, 24%, 74%
XYZ	37.2175, 33.2685, 37.2608
YIQ	159.1650, 22.0050, 14.2050

Conversions

Conversions Part 2

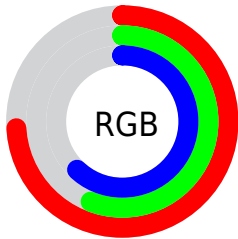
Format	Color
R_{YB}	189, 144, 159
Decimal	12423327
CIE _{Lab}	64.38, 19.34, -1.31
CIE _{LCh}	64, 19.385, 356.125
Yxy	33.2685, 0.3454, 0.3088
Android (android.graphics.Color)	4290613407 (0xFFBD909F)
YUV	159.1650, -0.0813, 26.1653
Hunter-Lab	57.6789, 14.2398, 2.0736

Details

The XYZ color **37.2175, 33.2685, 37.2608** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.3405, 45.3813, 46.8379**, and the grayscale version is **33.0242, 34.7440, 37.8362**.

A 20% lighter version of the original color is **70.3377, 64.8360, 72.4257**, and **16.6128, 14.0623, 16.0261** is the 20% darker color. If you saturate the color by 10%, you get **33.5527, 27.6004, 30.9166**, and if you desaturate by 10%, it is **41.4749, 39.9427, 44.3534**.

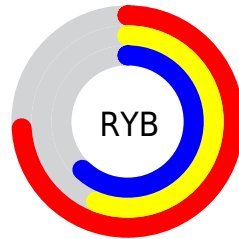
Distribution



Red (74%)

Green (56%)

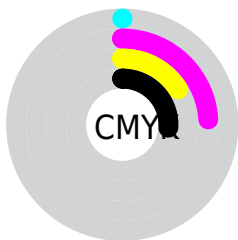
Blue (62%)



Red (74%)

Yellow (56%)

Blue (62%)

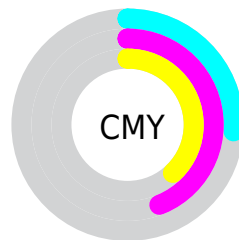


Cyan (0%)

Magenta (24%)

Yellow (16%)

Black (26%)



Cyan (26%)


Magenta (44%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.2175, 33.2685, 37.2608 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 37.2175, 33.2685, 37.2608 by changing the saturation by 10% instead.


 37.2175, 33.2685,
37.2608


 37.2175, 33.2685,
37.2608


325.5904,
316.8579, 349.6409

 25.5504, 22.3322,
25.1121


 70.2188, 64.7945,
72.1645

 16.6185, 14.1012,
15.9408


 92.2838, 86.1530,
95.7566

 10.0565, 8.1911,
9.3284


118.5453,
111.7544, 124.0003

 5.4990, 4.2175,
4.8563

149.3689,
141.9830, 157.3141

 2.5806, 1.7959,
2.1059

185.1199,
177.2232, 196.1165

 0.9361, 0.4846,
0.6193

226.1635,

 0.0000, 0.0000,

217.8595, 240.8260

0.0000

272.8653,
264.2763, 291.8613

■ 37.2175, 33.2685,
37.2608

■ 37.2175, 33.2685,
37.2608

■ 33.5527, 27.6004,
30.9166

■ 41.4749, 39.9427,
44.3534

■ 30.4506, 22.8848,
25.2932

■ 46.3474, 47.6640,
52.2163

■ 27.8827, 19.0700,
20.3643

■ 51.8598, 56.4768,
60.8734

■ 25.8167, 16.0977,
16.1011

■ 58.0348, 66.4216,
70.3466

■ 24.2171, 13.9024,
12.4725

■ 64.8937, 77.5365,
80.6571

■ 23.0428, 12.4090,
9.4446

■ 71.6850, 88.3143,
91.5678

■ 22.2451, 11.5270,
6.9792

■ 73.5670, 89.0671,
101.4780

■ 21.8834, 11.1777,
5.7055

■ 74.7964, 89.5589,
107.9521

Harmonies

Analogous

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



36.2354, 33.2685, 45.3744



37.2175, 33.2685, 37.2608



36.6297, 33.2685, 29.9341

Triad

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



37.2175, 33.2685, 37.2608



29.3406, 33.2685, 24.2179



28.7535, 33.2685, 50.3670

Complementary

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



37.2175, 33.2685, 37.2608



37.3405, 45.3813, 46.8379

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.



27.0906, 33.2685, 43.3380



37.2175, 33.2685, 37.2608



27.4154, 33.2685, 28.3943

Square

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



37.2175, 33.2685, 37.2608



31.9808, 33.2685, 23.0756



26.6152, 33.2685, 35.2061



31.2634, 33.2685, 53.6052

Rectangle

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



37.2175, 33.2685, 37.2608



35.4440, 33.2685, 26.3338



26.6152, 33.2685, 35.2061



28.0828, 33.2685, 48.3236

Sweetspot

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



37.2184, 33.2700, 37.2615



79.9991, 80.5833, 88.7098



36.6153, 32.6209, 52.5111



17.0892, 17.1478, 18.8930



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.



37.2184, 33.2700, 37.2615



62.8173, 53.6272, 60.1455



37.1687, 35.1284, 31.2088



9.6578, 9.5874, 10.5870



14.7558, 7.5335, 4.0076



0.6090, 0.3075, 0.3201

Inverse Universe

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



37.2184, 33.2700, 37.2615



62.8173, 53.6272, 60.1455



37.3137, 42.8558, 54.4498



9.6578, 9.5874, 10.5870



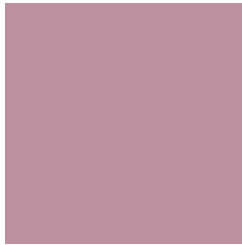
14.7558, 7.5335, 4.0076



0.6090, 0.3075, 0.3201

Previews

White Background



This preview shows how the XYZ color 37.2175, 33.2685, 37.2608 looks on a white background.

Color Contrast Check

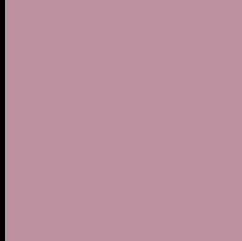
Large Text (above 18pt) WCAG AA × Fail

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 37.2175, 33.2685, 37.2608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

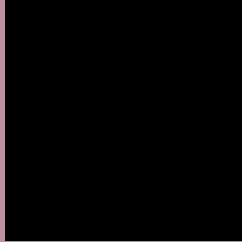
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.2175, 33.2685, 37.2608

Background



This preview shows how black text looks on a background with the XYZ color 37.2175, 33.2685, 37.2608.



This preview shows how white text looks on a background with the XYZ color 37.2175, 33.2685,

37.2608.

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

37.2175, 33.2685, 37.2608

Protanopia

32.3146, 33.2638, 40.7938

Deuteranopia

34.0328, 33.2598, 36.9738



Tritanopia

37.1124, 33.4699, 35.9568

Trichromacy



Original Color

37.2175, 33.2685, 37.2608

Protanomaly

33.8259, 33.1024, 39.2569

Deuteranomaly

35.1216, 33.1134, 36.8882

Tritanomaly

37.1975, 33.5039, 36.4047

Monochromacy



Original Color

37.2175, 33.2685, 37.2608

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

34.3912, 34.1605, 37.5819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2175, 33.2685, 37.2608 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(189, 144, 159)` looks like.

```
.text, #text, p{  
    color:rgb(189, 144, 159)  
}
```

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(189, 144, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 144, 159) }
```

Border

The CSS property to change the border of an element to XYZ 37.2175, 33.2685, 37.2608 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(189, 144, 159) }
```


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

```
.border{ border-color:rgb(189, 144, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 144, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 144, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 144, 159);  
box-shadow:4px 4px 4px 4px rgb(189, 144,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2175, 33.2685, 37.2608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 144, 159) }
```

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

```
.background{ background-color: rgb(189,  
144, 159) }
```

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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