

Converting Colors

XYZ(37.9512, 35.5645, 37.2552)

Have a look what the booklet for
XYZ(37.9512, 35.5645, 37.2552)
contains.

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Color

**XYZ(37.8933, 35.4899,
37.2008)**

Conversions

Conversions Part 1

Format	Color
Hex	BB989E
RGB	187, 152, 158
RGB Percent	73%, 60%, 62%
CMY	0.2667, 0.4039, 0.3804
CMYK	0.00, 0.19, 0.16, 0.27
HSL	350°, 20%, 66%
HSV	350°, 19%, 73%
XYZ	37.8933, 35.4899, 37.2008
YIQ	163.1490, 18.9340, 9.2860

Conversions

Conversions Part 2

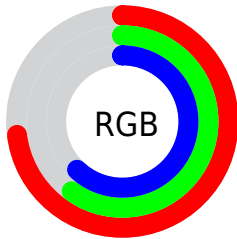
Format	Color
RYB	187, 152, 158
Decimal	12294302
CIELab	66.13, 14.00, 1.78
CIELCh	66, 14.109, 7.261
Yxy	35.4899, 0.3427, 0.3209
Android (android.graphics.Color)	4290484382 (0xFFBB989E)
YUV	163.1490, -2.5385, 20.9173
Hunter-Lab	59.5734, 9.2864, 4.6776

Details

The XYZ color **37.8933, 35.4899, 37.2008** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.0611, 45.5531, 50.4522**, and the grayscale version is **34.8893, 36.7063, 39.9731**.

A 20% lighter version of the original color is **71.3898, 68.1798, 72.3482**, and **16.9804, 15.3554, 15.9789** is the 20% darker color. If you saturate the color by 10%, you get **33.8435, 29.3917, 29.6799**, and if you desaturate by 10%, it is **42.5919, 42.6156, 45.7686**.

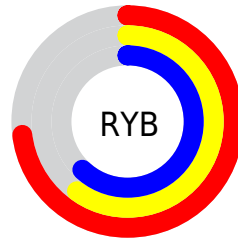
Distribution



Red (73%)

Green (60%)

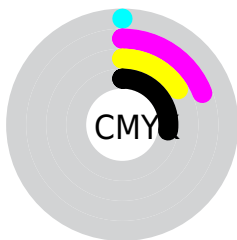
Blue (62%)



Red (73%)

Yellow (60%)

Blue (62%)

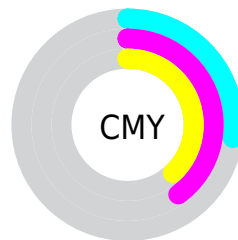


Cyan (0%)

Magenta (19%)

Yellow (16%)

Black (27%)



Cyan (27%)


Magenta (40%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.8933, 35.4899, 37.2008 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 37.8933, 35.4899, 37.2008 by changing the saturation by 10% instead.


 37.8933, 35.4899,
37.2008


 37.8933, 35.4899,
37.2008


328.4508,
326.7255, 349.3739

 26.0767, 24.0405,
25.0660


 71.2495, 68.2440,
72.0713

 17.0140, 15.3637,
15.9068


 93.5199, 90.3175,
95.6440

 10.3399, 9.0750,
9.3046


120.0055,
116.7011, 123.8665

 5.6889, 4.7901,
4.8408

151.0718,
147.7793, 157.1573

 2.6957, 2.1247,
2.0971

187.0842,
183.9365, 195.9349

 0.9950, 0.6784,
0.6140

228.4079,

 0.0000, 0.0000,

225.5569, 240.6178

0.0000

275.4083,
273.0251, 291.6246

■ 37.8933, 35.4899,
37.2008

■ 37.8933, 35.4899,
37.2008

■ 33.8435, 29.3917,
29.6799

■ 42.5919, 42.6156,
45.7686

■ 30.4108, 24.2689,
23.1634

■ 47.9630, 50.8082,
55.4191

■ 27.5654, 20.0722,
17.6091

■ 54.0329, 60.1109,
66.1892

■ 25.2740, 16.7461,
12.9708

■ 60.8256, 70.5628,
78.1135

■ 23.4996, 14.2290,
9.1988

■ 68.3639, 82.2016,
91.2249

■ 22.2008, 12.4512,
6.2382

■ 73.6625, 89.0484,
104.5527

■ 21.3294, 11.3313,
4.0277

■ 74.3037, 89.3049,
107.9291

■ 20.8090, 10.7327,
2.4908

■ 20.7549, 10.6694,
2.3350

Harmonies

Analogous

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



37.5903, 35.4899, 43.2815



37.8933, 35.4899, 37.2008



37.0450, 35.4899, 32.0623

Triad

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



37.8933, 35.4899, 37.2008



31.3486, 35.4899, 30.1590



32.1970, 35.4899, 50.3047

Complementary

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



37.8933, 35.4899, 37.2008



39.0611, 45.5531, 50.4522

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.



30.6228, 35.4899, 46.0664



37.8933, 35.4899, 37.2008



30.1473, 35.4899, 34.3474

Square

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



37.8933, 35.4899, 37.2008



33.2249, 35.4899, 28.2793



29.8872, 35.4899, 40.1209



34.2444, 35.4899, 51.2708

Rectangle

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



37.8933, 35.4899, 37.2008



35.9607, 35.4899, 29.7179



29.8872, 35.4899, 40.1209



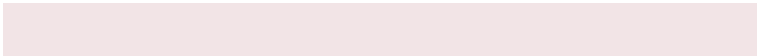
31.5975, 35.4899, 49.1957

Sweetspot

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



37.8943, 35.4915, 37.2015



78.6807, 79.9764, 86.3044



39.1575, 35.8195, 51.8641



17.1930, 17.4083, 18.7643



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.



37.8943, 35.4915, 37.2015



65.0948, 59.3786, 61.5090



39.2741, 39.0572, 35.1766



9.5951, 9.5623, 10.2568



14.3191, 7.3588, 1.7081



0.5818, 0.2966, 0.1772

Inverse Universe

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



37.8943, 35.4915, 37.2015



65.0948, 59.3786, 61.5090



37.4288, 41.2824, 53.0096



9.5951, 9.5623, 10.2568



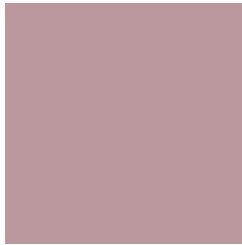
14.3191, 7.3588, 1.7081



0.5818, 0.2966, 0.1772

Previews

White Background



This preview shows how the XYZ color 37.8933, 35.4899, 37.2008 looks on a white background.

Color Contrast Check

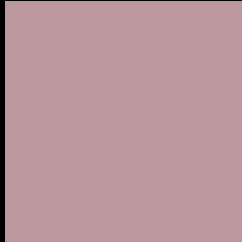
Large Text (above 18pt) WCAG AA × Fail

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 37.8933, 35.4899, 37.2008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

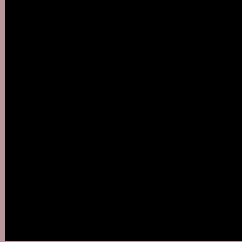
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.8933, 35.4899, 37.2008

Background



This preview shows how black text looks on a background with the XYZ color 37.8933, 35.4899, 37.2008.



This preview shows how white text looks on a background with the XYZ color 37.8933, 35.4899,

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

37.8933, 35.4899, 37.2008

Protanopia

34.2859, 35.5725, 39.7094

Deuteranopia

36.3344, 35.6762, 36.8695



Tritanopia

38.4165, 35.4689, 39.4717

Trichromacy



Original Color

37.8933, 35.4899, 37.2008

Protanomaly

35.5033, 35.4578, 38.6910

Deuteranomaly

36.8632, 35.7008, 36.8463

Tritanomaly

38.2387, 35.3978, 38.5353

Monochromacy



Original Color

37.8933, 35.4899, 37.2008

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.8444, 36.1401, 38.8048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.8933, 35.4899, 37.2008 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(187, 152, 158)` looks like.

```
.text, #text, p{  
    color:rgb(187, 152, 158)  
}
```

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(187, 152, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 152, 158) }
```

Border

The CSS property to change the border of an element to XYZ 37.8933, 35.4899, 37.2008 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(187, 152, 158) }
```


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

```
.border{ border-color:rgb(187, 152, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 152, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 152, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 152, 158);  
box-shadow:4px 4px 4px 4px rgb(187, 152,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 37.8933, 35.4899, 37.2008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 152, 158) }
```

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

```
.background{ background-color: rgb(187,  
152, 158) }
```

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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