

Converting Colors

XYZ(33.6336, 32.8204, 33.0587)

Have a look what the booklet for
XYZ(33.6336, 32.8204, 33.0587)
contains.

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Color

**XYZ(33.7867, 32.9813,
33.0190)**

Conversions

Conversions Part 1

Format	Color
Hex	AE9695
RGB	174, 150, 149
RGB Percent	68%, 59%, 58%
CMY	0.3176, 0.4117, 0.4157
CMYK	0.00, 0.14, 0.14, 0.32
HSL	2°, 13%, 63%
HSV	2°, 14%, 68%
XYZ	33.7867, 32.9813, 33.0190
YIQ	157.0620, 14.6250, 4.7770

Conversions

Conversions Part 2

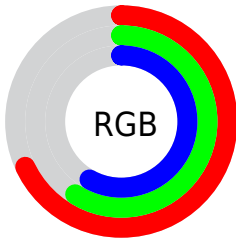
Format	Color
RYB	174, 150, 149
Decimal	11441813
CIELab	64.15, 8.74, 3.81
CIELCh	64, 9.533, 23.583
Yxy	32.9813, 0.3386, 0.3305
Android (android.graphics.Color)	4289631893 (0xFFAE9695)
YUV	157.0620, -3.9746, 14.8546
Hunter-Lab	57.4293, 4.5133, 6.1118

Details

The XYZ color **33.7867, 32.9813, 33.0190** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.9777, 39.3317, 45.7929**, and the grayscale version is **32.0892, 33.7603, 36.7650**.

A 20% lighter version of the original color is **65.0055, 64.3205, 65.4889**, and **14.5516, 13.8705, 13.4656** is the 20% darker color. If you saturate the color by 10%, you get **30.0223, 27.5118, 25.4149**, and if you desaturate by 10%, it is **38.1404, 39.2965, 41.8443**.

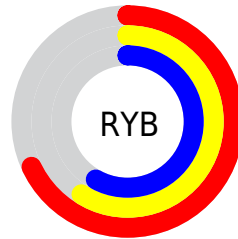
Distribution



Red (68%)

Green (59%)

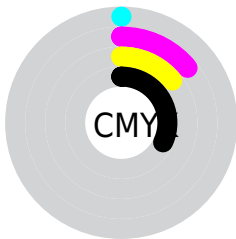
Blue (58%)



Red (68%)

Yellow (59%)

Blue (58%)

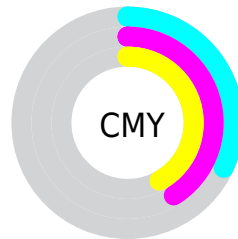


Cyan (0%)

Magenta (14%)

Yellow (14%)

Black (32%)



Cyan (32%)


Magenta (41%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.7867, 32.9813, 33.0190 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 33.7867, 32.9813, 33.0190 by changing the saturation by 10% instead.


 33.7867, 32.9813,
33.0190


 33.7867, 32.9813,
33.0190

310.7826,
315.5655, 330.3700

 22.8919, 22.1121,
21.8698


 64.9483, 64.3463,
65.5215

 14.6340, 13.9393,
13.5638

 85.9459, 85.6110,
87.7119

 8.6475, 8.0785,
7.6827


111.0417,
111.1096, 114.4198

 4.5673, 4.1452,
3.8077

140.6012,
141.2265, 146.0637

 2.0278, 1.7551,
1.5205

174.9896,
176.3461, 183.0621

 0.6495, 0.4590,
0.2331

214.5725,

 0.0000, 0.0000,

216.8529, 225.8336

0.0000

259.7150,
263.1312, 274.7967

■ 33.7867, 32.9813,
33.0190

■ 33.7867, 32.9813,
33.0190

■ 30.0223, 27.5118,
25.4149

■ 38.1404, 39.2965,
41.8443

■ 26.8193, 22.8480,
18.9762

■ 43.1043, 46.4865,
51.9391

■ 24.1516, 18.9531,
13.6460

■ 48.7016, 54.5845,
63.3515

■ 21.9900, 15.7859,
9.3618

■ 54.9536, 63.6206,
76.1265

■ 20.3025, 13.3012,
6.0549

■ 61.8805, 73.6235,
90.3072

■ 19.0535, 11.4488,
3.6481

■ 69.5016, 84.6208,
105.9344

■ 18.2023, 10.1717,
2.0531

■ 71.2657, 87.7387,
107.7869

■ 17.7005, 9.4025,
1.1634

■ 17.5315, 9.1503,
0.8422

Harmonies

Analogous

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



33.9979, 32.9813, 36.7481



33.7867, 32.9813, 33.0190



32.9137, 32.9813, 30.2563

Triad

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



33.7867, 32.9813, 33.0190



29.3055, 32.9813, 31.6772



31.0586, 32.9813, 43.8143

Complementary

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



33.7867, 32.9813, 33.0190



34.9777, 39.3317, 45.7929

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.



29.8323, 32.9813, 42.2298



33.7867, 32.9813, 33.0190



28.8390, 32.9813, 35.0867

Square

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



33.7867, 32.9813, 33.0190



30.3210, 32.9813, 29.5213



29.0291, 32.9813, 38.9672



32.3974, 32.9813, 43.1620

Rectangle

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



33.7867, 32.9813, 33.0190



32.0869, 32.9813, 29.2434



29.0291, 32.9813, 38.9672



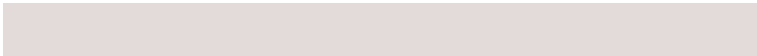
30.6200, 32.9813, 43.5222

Sweetspot

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



33.7876, 32.9828, 33.0197



69.4337, 71.6435, 76.4109



35.7623, 33.5175, 44.2047



15.2930, 15.7215, 16.7000



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



33.7876, 32.9828, 33.0197



59.1752, 56.7605, 55.6225



35.8598, 37.1272, 33.7104



8.0301, 8.0650, 8.3468



12.7262, 6.6579, 0.6144



0.3622, 0.2016, 0.0198

Inverse Universe

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



34.9777, 39.3317, 45.7929



61.7221, 70.3493, 82.9625



32.7215, 34.8193, 45.0409



8.2084, 9.0161, 10.2604



15.5771, 22.2880, 32.5255



0.4416, 0.6366, 0.9076

Previews

White Background



This preview shows how the XYZ color 33.7867, 32.9813, 33.0190 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 33.7867, 32.9813, 33.0190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

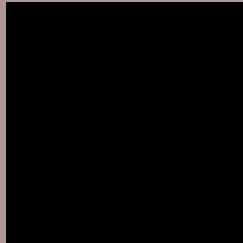
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.7867, 32.9813, 33.0190

Background



This preview shows how black text looks on a background with the XYZ color 33.7867, 32.9813, 33.0190.



This preview shows how white text looks on a background with the XYZ color 33.7867, 32.9813,

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

33.7867, 32.9813, 33.0190

Protanopia

31.6869, 33.0806, 34.4209

Deuteranopia

33.5647, 32.8669, 33.0087



Tritanopia

34.6143, 32.8318, 37.7705

Trichromacy



Original Color

33.7867, 32.9813, 33.0190

Protanomaly

32.2870, 32.9093, 33.9286

Deuteranomaly

33.5647, 32.8669, 33.0087

Tritanomaly

34.4274, 33.0092, 36.0094

Monochromacy



Original Color

33.7867, 32.9813, 33.0190

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.4926, 33.2308, 35.2735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.7867, 32.9813, 33.0190 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(174, 150, 149)` looks like.

```
.text, #text, p{  
    color:rgb(174, 150, 149)  
}
```

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(174, 150, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 150, 149) }
```

Border

The CSS property to change the border of an element to XYZ 33.7867, 32.9813, 33.0190 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(174, 150, 149) }
```


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

```
.border{ border-color:rgb(174, 150, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 150, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 150, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 150, 149);  
box-shadow:4px 4px 4px 4px rgb(174, 150,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 33.7867, 32.9813, 33.0190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 150, 149) }
```

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

```
.background{ background-color: rgb(174,  
150, 149) }
```

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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