

Converting Colors

XYZ(33.8128, 38.4320, 33.6530)

Have a look what the booklet for
XYZ(33.8128, 38.4320, 33.6530)
contains.

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Color

**XYZ(33.8128, 38.4320,
33.6530)**

Conversions

Conversions Part 1

Format	Color
Hex	9DAB94
RGB	157, 171, 148
RGB Percent	62%, 67%, 58%
CMY	0.3843, 0.3294, 0.4196
CMYK	0.08, 0.00, 0.13, 0.33
HSL	97°, 12%, 63%
HSV	97°, 13%, 67%
XYZ	33.8128, 38.4320, 33.6530
YIQ	164.1920, -0.9610, -10.1210

Conversions

Conversions Part 2

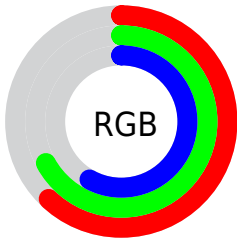
Format	Color
RYB	148, 171, 162
Decimal	10333076
CIELab	68.34, -9.24, 10.19
CIELCh	68, 13.754, 132.215
Yxy	38.4320, 0.3193, 0.3629
Android (android.graphics.Color)	4288523156 (0xFF9DAB94)
YUV	164.1920, -7.9827, -6.3074
Hunter-Lab	61.9935, -11.1304, 11.2101

Details

The XYZ color **33.8128, 38.4320, 33.6530** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.8424, 31.8026, 42.9376**, and the grayscale version is **35.4160, 37.2604, 40.5766**.

A 20% lighter version of the original color is **65.0084, 72.6540, 66.4744**, and **14.6984, 17.1209, 13.8392** is the 20% darker color. If you saturate the color by 10%, you get **30.6130, 36.9286, 26.9520**, and if you desaturate by 10%, it is **37.3878, 40.1080, 41.4170**.

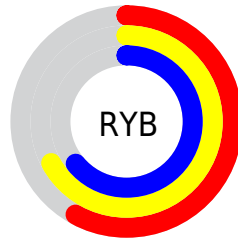
Distribution



Red (62%)

Green (67%)

Blue (58%)



Red (58%)

Yellow (67%)

Blue (64%)

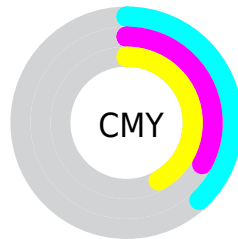


Cyan (8%)

Magenta (0%)

Yellow (13%)

Black (33%)



Cyan (38%)

Magenta (33%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.8128, 38.4320, 33.6530 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 33.8128, 38.4320, 33.6530 by changing the saturation by 10% instead.

■ 33.8128, 38.4320,
33.6530

■ 33.8128, 38.4320,
33.6530

310.8972,
339.4695, 333.3038

■ 22.9120, 26.3181,
22.3520

■ 64.9887, 72.7698,
66.5214

■ 14.6489, 17.0618,
13.9150

■ 85.9945, 95.7625,
88.9258

■ 8.6581, 10.2786,
7.9235

111.0994,
123.1504, 115.8685

■ 4.5741, 5.5840,
3.9589

140.6687,
155.3177, 147.7679

■ 2.0318, 2.5938,
1.6028

175.0677,
192.6488, 185.0426

■ 0.6517, 0.9236,
0.2928

214.6619,

■ 0.0000, 0.0000,

235.5283, 228.1111

0.0000

259.8166,
284.3404, 277.3920

■ 33.8128, 38.4320,
33.6530

■ 33.8128, 38.4320,
33.6530

■ 30.6130, 36.9286,
26.9520

■ 37.3878, 40.1080,
41.4170

■ 27.7722, 35.5870,
21.2654

■ 41.3472, 41.9569,
50.2849

■ 25.2777, 34.4030,
16.5443

■ 45.7037, 43.9857,
60.2985

■ 23.1145, 33.3699,
12.7349

■ 50.4687, 46.1992,
71.4966

■ 21.2667, 32.4808,
9.7782

■ 55.6528, 48.6022,
83.9163

■ 19.7166, 31.7282,
7.6081

■ 61.2665, 51.1992,
97.5931

■ 18.4446, 31.1034,
6.1489

■ 65.2058, 53.1492,
101.4298

■ 17.4277, 30.5967,
5.3099

■ 68.6448, 54.9221,
101.5908

■ 16.8717, 30.3171,
4.9626

■ 72.2867, 56.7995,
101.7612

Harmonies

Analogous

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



35.6582, 38.4320, 31.2801



33.8128, 38.4320, 33.6530



32.7209, 38.4320, 38.3226

Triad

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



33.8128, 38.4320, 33.6530



35.2766, 38.4320, 54.2019



40.7325, 38.4320, 39.3835

Complementary

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



33.8128, 38.4320, 33.6530



32.8424, 31.8026, 42.9376

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.



40.6205, 38.4320, 45.5788



33.8128, 38.4320, 33.6530



37.4127, 38.4320, 54.5576

Square

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



33.8128, 38.4320, 33.6530



33.5429, 38.4320, 50.3423



39.3858, 38.4320, 51.2711



39.6862, 38.4320, 34.3637

Rectangle

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



33.8128, 38.4320, 33.6530



32.5400, 38.4320, 42.3064



39.3858, 38.4320, 51.2711



40.8302, 38.4320, 41.3887

Sweetspot

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



33.8138, 38.4337, 33.6538



66.5400, 71.6330, 73.2543



35.0265, 36.5678, 33.2298



14.7288, 15.9230, 16.0943



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



33.8138, 38.4337, 33.6538



58.8659, 68.0357, 56.6816



32.3060, 37.6351, 34.5433



8.1898, 9.0864, 8.5356



12.7737, 22.8821, 3.7435



0.4178, 0.6687, 0.1071

Inverse Universe

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



32.8424, 31.8026, 42.9376



56.8003, 53.9376, 76.4192



34.5192, 32.6921, 41.8813



8.0291, 7.9893, 10.0716



9.9141, 4.4708, 29.3849



0.3348, 0.1548, 0.8202

Previews

White Background



This preview shows how the XYZ color 33.8128, 38.4320, 33.6530 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 33.8128, 38.4320, 33.6530 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 33.8128, 38.4320, 33.6530

Background



This preview shows how black text looks on a background with the XYZ color 33.8128, 38.4320, 33.6530.



This preview shows how white text looks on a background with the XYZ color 33.8128, 38.4320,

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

33.8128, 38.4320, 33.6530

Protanopia

36.2026, 38.3154, 32.2756

Deuteranopia

38.8149, 38.0350, 34.1499



Tritanopia

36.7747, 38.2491, 48.6246

Trichromacy



Original Color

33.8128, 38.4320, 33.6530

Protanomaly

35.3394, 38.4054, 32.7445

Deuteranomaly

36.8317, 38.0680, 33.8404

Tritanomaly

35.5677, 38.3060, 42.5650

Monochromacy



Original Color

33.8128, 38.4320, 33.6530

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.6882, 37.6831, 37.7931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.8128, 38.4320, 33.6530 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(157, 171, 148)` looks like.

```
.text, #text, p{  
    color:rgb(157, 171, 148)  
}
```

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(157, 171, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 171, 148) }
```

Border

The CSS property to change the border of an element to XYZ 33.8128, 38.4320, 33.6530 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(157, 171, 148) }
```


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

```
.border{ border-color:rgb(157, 171, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 171, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 171, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 171, 148);  
box-shadow:4px 4px 4px 4px rgb(157, 171,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 33.8128, 38.4320, 33.6530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 171, 148) }
```

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

```
.background{ background-color: rgb(157,  
171, 148) }
```

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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