

Converting Colors

XYZ(33.7441, 38.2486, 36.1134)

Have a look what the booklet for
XYZ(33.7441, 38.2486, 36.1134)
contains.

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Color

**XYZ(33.9132, 38.4275,
36.2017)**

Conversions

Conversions Part 1

Format	Color
Hex	9BAB9A
RGB	155, 171, 154
RGB Percent	61%, 67%, 60%
CMY	0.3922, 0.3294, 0.3961
CMYK	0.09, 0.00, 0.10, 0.33
HSL	116°, 9%, 64%
HSV	116°, 10%, 67%
XYZ	33.9132, 38.4275, 36.2017
YIQ	164.2780, -4.0790, -8.6790

Conversions

Conversions Part 2

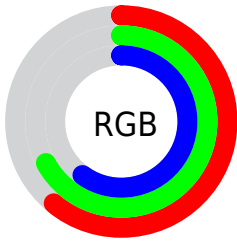
Format	Color
RYB	154, 171, 170
Decimal	10202010
CIELab	68.33, -8.88, 6.85
CIELCh	68, 11.213, 142.344
Yxy	38.4275, 0.3124, 0.3540
Android (android.graphics.Color)	4288392090 (0xFF9BAB9A)
YUV	164.2780, -5.0671, -8.1368
Hunter-Lab	61.9899, -10.8293, 8.7680

Details

The XYZ color **33.9132, 38.4275, 36.2017** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.4855, 34.5986, 43.3380**, and the grayscale version is **35.4447, 37.2905, 40.6094**.

A 20% lighter version of the original color is **64.8760, 72.5021, 70.2495**, and **14.7539, 17.1160, 15.3581** is the 20% darker color. If you saturate the color by 10%, you get **29.7036, 36.4115, 29.0923**, and if you desaturate by 10%, it is **38.7396, 40.7402, 44.4008**.

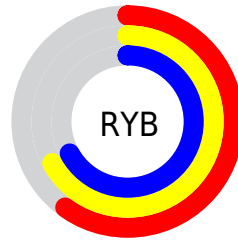
Distribution



Red (61%)

Green (67%)

Blue (60%)



Red (60%)

Yellow (67%)

Blue (67%)

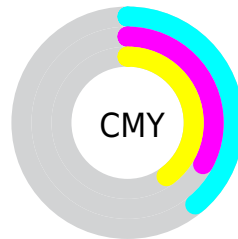


Cyan (9%)

Magenta (0%)

Yellow (10%)

Black (33%)



Cyan (39%)

Magenta (33%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.9132, 38.4275, 36.2017 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 33.9132, 38.4275, 36.2017 by changing the saturation by 10% instead.

■ 33.9132, 38.4275,
36.2017

■ 33.9132, 38.4275,
36.2017

311.3376,
339.4503, 344.9053

■ 22.9895, 26.3147,
24.2991

■ 65.1439, 72.7629,
70.5158

■ 14.7064, 17.0592,
15.3414

■ 86.1815, 95.7543,
93.7644

■ 8.6986, 10.2767,
8.9100

111.3212,
123.1406, 121.6321

■ 4.6006, 5.5828,
4.5865

140.9283,
155.3062, 154.5373

■ 2.0472, 2.5931,
1.9523

175.3681,
192.6356, 192.8987

■ 0.6603, 0.9232,
0.5257

215.0060,

■ 0.0000, 0.0000,

235.5132, 237.1349

0.0000

260.2074,
284.3233, 287.6642

■ 33.9132, 38.4275,
36.2017

■ 33.9132, 38.4275,
36.2017

■ 29.7036, 36.4115,
29.0923

■ 38.7396, 40.7402,
44.4008

■ 26.0830, 34.6756,
23.0242

■ 44.2029, 43.3559,
53.7301

■ 23.0261, 33.2088,
17.9495

■ 50.3264, 46.2865,
64.2310

■ 20.5043, 31.9977,
13.8153

■ 57.1310, 49.5423,
75.9423

■ 18.4870, 31.0276,
10.5636

■ 64.6368, 53.1326,
88.9007

■ 16.9401, 30.2824,
8.1305

■ 72.6037, 56.9630,
101.7761

■ 15.8253, 29.7439,
6.4431

■ 73.8537, 57.6074,
101.8346

■ 15.0986, 29.3912,
5.4158

■ 14.6912, 29.1930,
4.8633

Harmonies

Analogous

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



35.2543, 38.4275, 33.5115



33.9132, 38.4275, 36.2017



33.2758, 38.4275, 40.5646

Triad

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



33.9132, 38.4275, 36.2017



36.0757, 38.4275, 52.1863



39.7403, 38.4275, 38.2680

Complementary

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



33.9132, 38.4275, 36.2017



35.4855, 34.5986, 43.3380

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.



39.9774, 38.4275, 43.1439



33.9132, 38.4275, 36.2017



37.8242, 38.4275, 51.4477

Square

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



33.9132, 38.4275, 36.2017



34.4980, 38.4275, 49.9817



39.2659, 38.4275, 48.0375



38.6282, 38.4275, 34.6361

Rectangle

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



33.9132, 38.4275, 36.2017



33.3210, 38.4275, 43.9446



39.2659, 38.4275, 48.0375



39.9264, 38.4275, 39.8057

Sweetspot

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



33.9143, 38.4291, 36.2025



66.5689, 71.6151, 74.7356



36.9788, 39.6925, 36.2849



14.6891, 15.8957, 16.4011



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.



33.9143, 38.4291, 36.2025



58.9293, 67.9557, 61.7759



34.3560, 38.5838, 39.5258



7.9465, 8.9610, 8.5242



11.0890, 22.0137, 3.6646



0.3223, 0.6195, 0.1026

Inverse Universe

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



35.4855, 34.5986, 43.3380



62.3325, 59.6585, 77.2318



35.0193, 34.4372, 39.7513



8.2899, 8.1238, 10.0838



16.6292, 7.9325, 29.6992



0.4763, 0.2277, 0.8268

Previews

White Background



This preview shows how the XYZ color 33.9132, 38.4275, 36.2017 looks on a white background.

Color Contrast Check

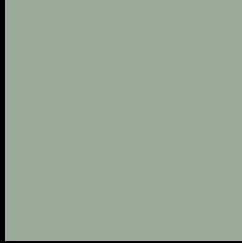
Large Text (above 18pt) WCAG AA × Fail

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 33.9132, 38.4275, 36.2017 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

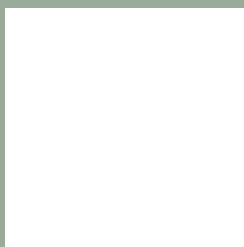
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.9132, 38.4275, 36.2017

Background



This preview shows how black text looks on a background with the XYZ color 33.9132, 38.4275, 36.2017.



This preview shows how white text looks on a background with the XYZ color 33.9132, 38.4275,

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

33.9132, 38.4275, 36.2017

Protanopia

36.4557, 38.3910, 34.7669

Deuteranopia

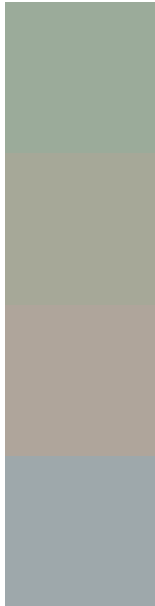
38.9953, 38.3291, 36.7955



Tritanopia

36.3550, 38.3036, 48.6572

Trichromacy



Original Color

33.9132, 38.4275, 36.2017

Protanomaly

35.3960, 38.3793, 35.2481

Deuteranomaly

37.0507, 38.3908, 36.4677

Tritanomaly

35.4539, 38.2146, 44.0356

Monochromacy



Original Color

33.9132, 38.4275, 36.2017

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.8618, 37.7526, 38.7073

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.9132, 38.4275, 36.2017 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(155, 171, 154)` looks like.

```
.text, #text, p{  
    color:rgb(155, 171, 154)  
}
```

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(155, 171, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 171, 154) }
```

Border

The CSS property to change the border of an element to XYZ 33.9132, 38.4275, 36.2017 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(155, 171, 154) }
```


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

```
.border{ border-color:rgb(155, 171, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 171, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 171, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 171, 154);  
box-shadow:4px 4px 4px 4px rgb(155, 171,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 33.9132, 38.4275, 36.2017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 171, 154) }
```

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

```
.background{ background-color: rgb(155,  
171, 154) }
```

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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