

Converting Colors

XYZ(33.1322, 37.4950, 36.6213)

Have a look what the booklet for
XYZ(33.1322, 37.4950, 36.6213)
contains.

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Color

**XYZ(33.0533, 37.4179,
36.4906)**

Conversions

Conversions Part 1

Format	Color
Hex	98A99B
RGB	152, 169, 155
RGB Percent	60%, 66%, 61%
CMY	0.4039, 0.3372, 0.3922
CMYK	0.10, 0.00, 0.08, 0.34
HSL	131°, 9%, 63%
HSV	131°, 10%, 66%
XYZ	33.0533, 37.4179, 36.4906
YIQ	162.3210, -5.6380, -7.9580

Conversions

Conversions Part 2

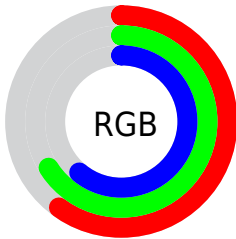
Format	Color
RYB	152, 166, 169
Decimal	10004891
CIELab	67.59, -8.69, 5.20
CIELCh	68, 10.124, 149.110
Yxy	37.4179, 0.3090, 0.3498
Android (android.graphics.Color)	4288194971 (0xFF98A99B)
YUV	162.3210, -3.6093, -9.0515
Hunter-Lab	61.1702, -10.5953, 7.4501

Details

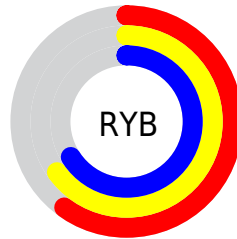
The XYZ color **33.0533, 37.4179, 36.4906** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.4748, 33.6457, 40.7556**, and the grayscale version is **34.5123, 36.3097, 39.5412**.

A 20% lighter version of the original color is **63.6179, 71.0366, 70.6800**, and **14.2268, 16.4888, 15.5295** is the 20% darker color. If you saturate the color by 10%, you get **29.0105, 35.4622, 30.5474**, and if you desaturate by 10%, it is **37.6837, 39.6631, 43.1662**.

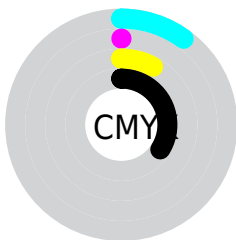
Distribution



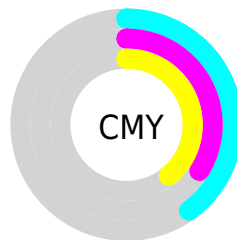
- Red (60%)
- Green (66%)
- Blue (61%)



- Red (60%)
- Yellow (65%)
- Blue (66%)



- Cyan (10%)
- Magenta (0%)
- Yellow (8%)
- Black (34%)



- Cyan (40%)
- Magenta (34%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.0533, 37.4179, 36.4906 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 33.0533, 37.4179, 36.4906 by changing the saturation by 10% instead.

■ 33.0533, 37.4179,
36.4906

■ 33.0533, 37.4179,
36.4906

307.5506,
335.1163, 346.2019

■ 22.3267, 25.5312,
24.5206

■ 63.8129, 71.2151,
70.9662

■ 14.2151, 16.4733,
15.5045

■ 84.5765, 93.8943,
94.3089

■ 8.3531, 9.8597,
9.0237

109.4166,
120.9399, 122.2796

■ 4.3754, 5.3060,
4.6596

138.6985,
152.7362, 155.2968

■ 1.9166, 2.4279,
1.9937

172.7874,
189.6675, 193.7791

■ 0.5865, 0.8402,
0.5514

212.0489,

■ 0.0000, 0.0000,

232.1184, 238.1450

0.0000

256.8481,
280.4732, 288.8131

■ 33.0533, 37.4179,
36.4906

■ 33.0533, 37.4179,
36.4906

■ 29.0105, 35.4622,
30.5474

■ 37.6837, 39.6631,
43.1662

■ 25.5286, 33.7796,
25.3094

■ 42.9208, 42.2039,
50.5956

■ 22.5837, 32.3592,
20.7510

■ 48.7866, 45.0522,
58.8020

■ 20.1485, 31.1878,
16.8444

■ 55.3011, 48.2180,
67.8073

■ 18.1938, 30.2508,
13.5597

■ 62.4834, 51.7106,
77.6321

■ 16.6869, 29.5320,
10.8647

■ 70.3519, 55.5391,
88.2966

■ 15.5913, 29.0135,
8.7244

■ 73.0678, 56.6930,
99.5459

■ 14.8644, 28.6739,
7.1000

■ 73.4787, 56.8574,
101.7096

■ 14.4207, 28.4702,
5.9514

Harmonies

Analogous

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



34.1259, 37.4179, 33.6909



33.0533, 37.4179, 36.4906



32.6503, 37.4179, 40.6085

Triad

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



33.0533, 37.4179, 36.4906



35.5180, 37.4179, 49.9442



38.2488, 37.4179, 36.7057

Complementary

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



33.0533, 37.4179, 36.4906



34.4748, 33.6457, 40.7556

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.



38.6474, 37.4179, 40.8753



33.0533, 37.4179, 36.4906



37.0432, 37.4179, 48.7134

Square

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



33.0533, 37.4179, 36.4906



34.0475, 37.4179, 48.5633



38.2000, 37.4179, 45.3108



37.1261, 37.4179, 33.8086

Rectangle

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



33.0533, 37.4179, 36.4906



32.8062, 37.4179, 43.6179



38.2000, 37.4179, 45.3108



38.4734, 37.4179, 37.9949

Sweetspot

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



33.0543, 37.4195, 36.4914



64.8921, 69.7732, 73.5866



35.6179, 38.7698, 35.3124



13.9985, 15.1371, 15.8300



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



33.0543, 37.4195, 36.4914



57.5482, 66.2151, 62.9485



33.7789, 37.7093, 40.3068



7.4888, 8.4286, 8.2941



10.7617, 21.2235, 4.5122



0.2770, 0.5224, 0.1896

Inverse Universe

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



34.4748, 33.6457, 40.7556



60.5919, 58.1282, 72.0854



33.7346, 33.3496, 36.8576



7.7843, 7.6436, 9.1811



15.6955, 7.6869, 19.0057



0.3963, 0.1928, 0.5385

Previews

White Background



This preview shows how the XYZ color 33.0533, 37.4179, 36.4906 looks on a white background.

Color Contrast Check

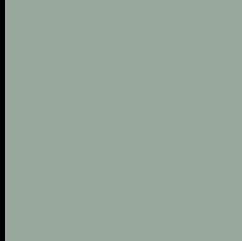
Large Text (above 18pt) WCAG AA × Fail

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 33.0533, 37.4179, 36.4906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

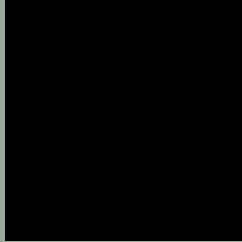
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

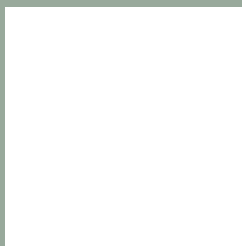
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.0533, 37.4179, 36.4906

Background



This preview shows how black text looks on a background with the XYZ color 33.0533, 37.4179, 36.4906.



This preview shows how white text looks on a background with the XYZ color 33.0533, 37.4179,

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

33.0533, 37.4179, 36.4906

Protanopia

35.5205, 37.3640, 35.0456

Deuteranopia

38.0124, 37.2979, 37.0940



Tritanopia

35.4832, 37.5950, 48.0342

Trichromacy



Original Color

33.0533, 37.4179, 36.4906

Protanomaly

34.4902, 37.3589, 35.5301

Deuteranomaly

36.1112, 37.3653, 36.7615

Tritanomaly

34.5920, 37.5083, 43.4468

Monochromacy



Original Color

33.0533, 37.4179, 36.4906

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.8137, 36.6826, 38.0992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0533, 37.4179, 36.4906 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(152, 169, 155)` looks like.

```
.text, #text, p{  
    color:rgb(152, 169, 155)  
}
```

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(152, 169, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 169, 155) }
```

Border

The CSS property to change the border of an element to XYZ 33.0533, 37.4179, 36.4906 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(152, 169, 155) }
```


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

```
.border{ border-color:rgb(152, 169, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 169, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 169, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 169, 155);  
box-shadow:4px 4px 4px 4px rgb(152, 169,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0533, 37.4179, 36.4906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 169, 155) }
```

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

```
.background{ background-color: rgb(152,  
169, 155) }
```

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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