

Converting Colors

XYZ(33.2294, 36.3571, 37.5061)

Have a look what the booklet for
XYZ(33.2294, 36.3571, 37.5061)
contains.

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Color

**XYZ(33.3370, 36.4468,
37.6256)**

Conversions

Conversions Part 1

Format	Color
Hex	9CA59E
RGB	156, 165, 158
RGB Percent	61%, 65%, 62%
CMY	0.3882, 0.3529, 0.3804
CMYK	0.05, 0.00, 0.04, 0.35
HSL	133°, 5%, 63%
HSV	133°, 5%, 65%
XYZ	33.3370, 36.4468, 37.6256
YIQ	161.5110, -3.1170, -4.0850

Conversions

Conversions Part 2

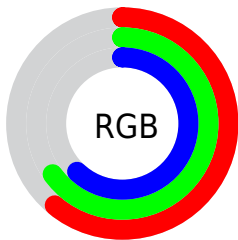
Format	Color
RYB	156, 163, 165
Decimal	10266014
CIELab	66.86, -4.54, 2.51
CIELCh	67, 5.191, 151.025
Yxy	36.4468, 0.3104, 0.3393
Android (android.graphics.Color)	4288456094 (0xFF9CA59E)
YUV	161.5110, -1.7309, -4.8331
Hunter-Lab	60.3712, -7.0818, 5.3081

Details

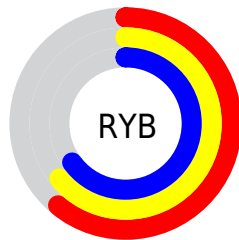
The XYZ color **33.3370, 36.4468, 37.6256** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.0177, 34.4216, 39.5033**, and the grayscale version is **34.1238, 35.9009, 39.0961**.

A 20% lighter version of the original color is **64.1818, 69.6921, 73.0200**, and **14.3847, 15.8750, 16.2160** is the 20% darker color. If you saturate the color by 10%, you get **29.3108, 34.4933, 31.9684**, and if you desaturate by 10%, it is **37.9145, 38.6732, 43.9125**.

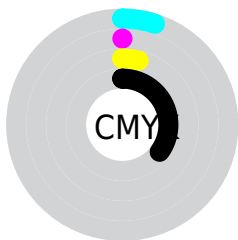
Distribution



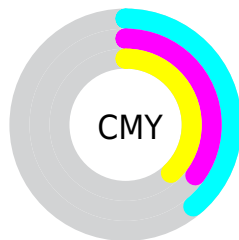
- Red (61%)
- Green (65%)
- Blue (62%)



- Red (61%)
- Yellow (64%)
- Blue (65%)



- Cyan (5%)
- Magenta (0%)
- Yellow (4%)
- Black (35%)



- Cyan (39%)
- Magenta (35%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.3370, 36.4468, 37.6256 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 33.3370, 36.4468, 37.6256 by changing the saturation by 10% instead.

■ 33.3370, 36.4468,
37.6256

■ 33.3370, 36.4468,
37.6256

308.8038,
330.9092, 351.2611

■ 22.5452, 24.7795,
25.3927

■ 64.2525, 69.7211,
72.7310

■ 14.3769, 15.9128,
16.1482

■ 85.1069, 92.0969,
96.4405

■ 8.4667, 9.4625,
9.4736

110.0462,
118.8110, 124.8126

■ 4.4493, 5.0441,
4.9503

139.4357,
150.2477, 158.2658

■ 1.9593, 2.2731,
2.1599

173.6409,
186.7915, 197.2188

■ 0.6110, 0.7594,
0.6511

213.0271,

■ 0.0000, 0.0000,

228.8268, 242.0899

0.0000

257.9596,
276.7379, 293.2978

■ 33.3370, 36.4468,
37.6256

■ 33.3370, 36.4468,
37.6256

■ 29.3108, 34.4933,
31.9684

■ 37.9145, 38.6732,
43.9125

■ 25.8118, 32.7977,
26.9190

■ 43.0599, 41.1776,
50.8453

■ 22.8190, 31.3504,
22.4580

■ 48.7930, 43.9710,
58.4425

■ 20.3083, 30.1397,
18.5639

■ 55.1317, 47.0620,
66.7211

■ 18.2541, 29.1527,
15.2139

■ 62.0933, 50.4594,
75.6977

■ 16.6280, 28.3754,
12.3836

■ 69.6927, 54.1704,
85.3879

■ 15.3986, 27.7921,
10.0468

■ 71.6151, 54.9394,
95.5111

■ 14.5298, 27.3848,
8.1750

■ 72.7458, 55.3917,
101.4653

■ 13.9764, 27.1307,
6.7366

Harmonies

Analogous

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



33.8689, 36.4468, 36.0918



33.3370, 36.4468, 37.6256



33.1533, 36.4468, 39.7618

Triad

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



33.3370, 36.4468, 37.6256



34.6686, 36.4468, 44.1683



35.9521, 36.4468, 37.4964

Complementary

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



33.3370, 36.4468, 37.6256



34.0177, 34.4216, 39.5033

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.



36.1738, 36.4468, 39.6070



33.3370, 36.4468, 37.6256



35.4259, 36.4468, 43.5078

Square

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



33.3370, 36.4468, 37.6256



33.9151, 36.4468, 43.5901



35.9798, 36.4468, 41.8169



35.3784, 36.4468, 36.0192

Rectangle

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



33.3370, 36.4468, 37.6256



33.2508, 36.4468, 41.2566



35.9798, 36.4468, 41.8169



36.0706, 36.4468, 38.1526

Sweetspot

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



33.3380, 36.4484, 37.6264



62.3929, 66.5803, 71.1039



34.5719, 37.1042, 36.7927



13.6611, 14.5658, 15.5733



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



33.3380, 36.4484, 37.6264



58.4295, 64.6545, 65.6110



33.7283, 36.6045, 39.6817



7.2172, 8.0023, 8.0973



10.4436, 20.4638, 4.7866



0.2356, 0.4365, 0.1857

Inverse Universe

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



34.0177, 34.4216, 39.5033



60.0023, 59.9646, 69.9539



33.6257, 34.2648, 37.4389



7.4195, 7.3993, 8.6556



14.7229, 7.2452, 16.2633



0.3251, 0.1586, 0.4248

Previews

White Background



This preview shows how the XYZ color 33.3370, 36.4468, 37.6256 looks on a white background.

Color Contrast Check

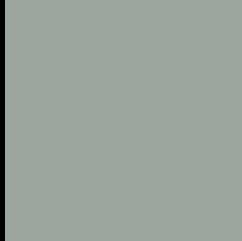
Large Text (above 18pt) WCAG AA × Fail

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 33.3370, 36.4468, 37.6256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

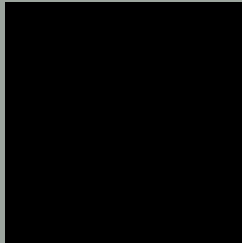
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

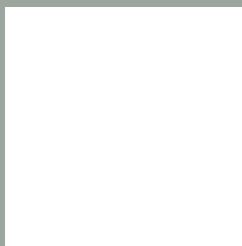
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.3370, 36.4468, 37.6256

Background



This preview shows how black text looks on a background with the XYZ color 33.3370, 36.4468, 37.6256.



This preview shows how white text looks on a background with the XYZ color 33.3370, 36.4468,

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

33.3370, 36.4468, 37.6256

Protanopia

34.8574, 36.4565, 36.6521

Deuteranopia

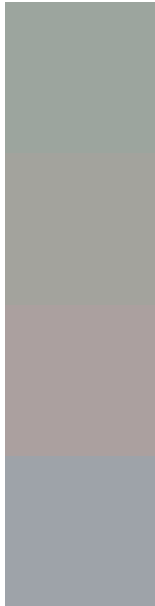
36.9925, 36.2357, 38.3022



Tritanopia

34.9563, 36.3067, 45.7229

Trichromacy



Original Color

33.3370, 36.4468, 37.6256

Protanomaly

34.2873, 36.4152, 37.1200

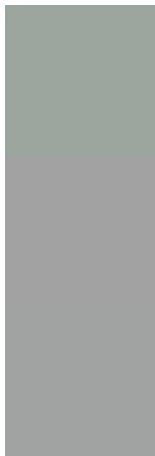
Deuteranomaly

35.6234, 36.3027, 37.9305

Tritanomaly

34.3592, 36.3281, 42.7372

Monochromacy



Original Color

33.3370, 36.4468, 37.6256

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.0274, 36.2412, 38.9200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.3370, 36.4468, 37.6256 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(156, 165, 158)` looks like.

```
.text, #text, p{  
    color:rgb(156, 165, 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(156, 165, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 165, 158) }
```

Border

The CSS property to change the border of an element to XYZ 33.3370, 36.4468, 37.6256 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(156, 165, 158) }
```


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

```
.border{ border-color:rgb(156, 165, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 165, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 165, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 165, 158);  
box-shadow:4px 4px 4px 4px rgb(156, 165,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 33.3370, 36.4468, 37.6256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 165, 158) }
```

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

```
.background{ background-color: rgb(156,  
165, 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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