

Converting Colors

XYZ(33.8313, 33.9964, 37.1080)

Have a look what the booklet for
XYZ(33.8313, 33.9964, 37.1080)
contains.

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Color

**XYZ(33.6635, 33.7953,
37.0966)**

Conversions

Conversions Part 1

Format	Color
Hex	A79A9E
RGB	167, 154, 158
RGB Percent	65%, 60%, 62%
CMY	0.3451, 0.3961, 0.3804
CMYK	0.00, 0.08, 0.05, 0.35
HSL	342°, 7%, 63%
HSV	342°, 8%, 65%
XYZ	33.6635, 33.7953, 37.0966
YIQ	158.3430, 6.4640, 4.0000

Conversions

Conversions Part 2

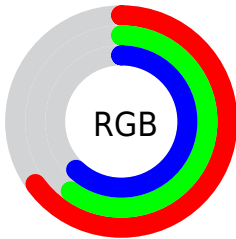
Format	Color
RYB	167, 154, 158
Decimal	10984094
CIELab	64.80, 5.49, -0.38
CIELCh	65, 5.499, 356.073
Yxy	33.7953, 0.3220, 0.3232
Android (android.graphics.Color)	4289174174 (0xFFA79A9E)
YUV	158.3430, -0.1691, 7.5922
Hunter-Lab	58.1337, 1.6300, 2.8592

Details

The XYZ color **33.6635, 33.7953, 37.0966** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.7573, 37.1527, 40.0442**, and the grayscale version is **32.6546, 34.3552, 37.4128**.

A 20% lighter version of the original color is **64.6903, 65.4454, 72.1735**, and **14.5743, 14.4069, 15.9226** is the 20% darker color. If you saturate the color by 10%, you get **30.1478, 28.2824, 31.2427**, and if you desaturate by 10%, it is **37.6583, 40.1156, 43.5732**.

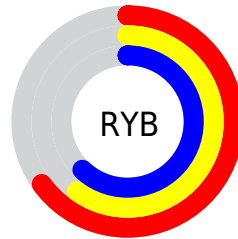
Distribution



Red (65%)

Green (60%)

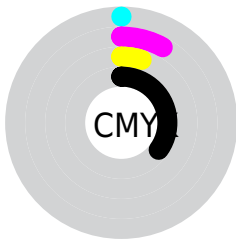
Blue (62%)



Red (65%)

Yellow (60%)

Blue (62%)

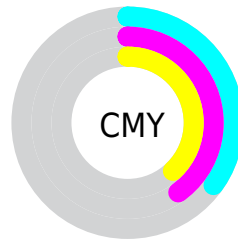


Cyan (0%)

Magenta (8%)

Yellow (5%)

Black (35%)



Cyan (35%)


Magenta (40%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.6635, 33.7953, 37.0966 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 33.6635, 33.7953, 37.0966 by changing the saturation by 10% instead.

 33.6635, 33.7953,
37.0966


 33.6635, 33.7953,
37.0966


310.2414,
319.2183, 348.9098

 22.7969, 22.7364,
24.9859


 64.7578, 65.6152,
71.9093

 14.5635, 14.3990,
15.8476


 85.7162, 87.1450,
95.4484

 8.5979, 8.3987,
9.2632


110.7692,
112.9339, 123.6341

 4.5349, 4.3511,
4.8141

140.2823,
143.3662, 156.8849

 2.0089, 1.8718,
2.0818

174.6206,
178.8265, 195.6193

 0.6390, 0.5314,
0.6049

214.1497,

 0.0000, 0.0000,

219.6990, 240.2559

0.0000

259.2348,
266.3681, 291.2132

■ 33.6635, 33.7953,
37.0966

■ 33.6635, 33.7953,
37.0966

■ 30.1478, 28.2824,
31.2427

■ 37.6583, 40.1156,
43.5732

■ 27.0901, 23.5399,
25.9905

■ 42.1465, 47.2695,
50.6883

■ 24.4717, 19.5346,
21.3210

■ 47.1457, 55.2875,
58.4599

■ 22.2716, 16.2292,
17.2133

■ 52.6715, 64.1973,
66.9044

■ 20.4673, 13.5828,
13.6452

■ 58.7387, 74.0252,
76.0378

■ 19.0337, 11.5505,
10.5930

■ 65.3619, 84.7966,
85.8755

■ 17.9427, 10.0817,
8.0309

■ 67.2693, 85.9647,
94.6706

■ 17.1622, 9.1176,
5.9306

■ 69.0328, 86.6701,
103.9571

■ 16.6408, 8.5616,
4.2560

■ 69.7466, 86.9556,
107.7158

Harmonies

Analogous

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



33.4006, 33.7953, 39.2836



33.6635, 33.7953, 37.0966



33.5077, 33.7953, 34.9151

Triad

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



33.6635, 33.7953, 37.0966



31.4573, 33.7953, 33.0202



31.2796, 33.7953, 40.5329

Complementary

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



33.6635, 33.7953, 37.0966



33.7573, 37.1527, 40.0442

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.



30.7739, 33.7953, 38.7461



33.6635, 33.7953, 37.0966



30.8753, 33.7953, 34.4183

Square

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



33.6635, 33.7953, 37.0966



32.2257, 33.7953, 32.6188



30.6272, 33.7953, 36.4997



32.0173, 33.7953, 41.3184

Rectangle

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



33.6635, 33.7953, 37.0966



33.1886, 33.7953, 33.7471



30.6272, 33.7953, 36.4997



31.0773, 33.7953, 40.0260

Sweetspot

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



33.6645, 33.7968, 37.0973



64.2938, 66.8503, 72.9646



33.6122, 33.6770, 41.2884



14.4062, 14.9890, 16.3579



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.



33.6645, 33.7968, 37.0973



59.3707, 59.0795, 64.9254



33.7231, 34.4558, 35.4468



7.6226, 7.5789, 8.3297



12.6777, 6.4798, 3.1143



0.3311, 0.1667, 0.1949

Inverse Universe

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



33.6645, 33.7968, 37.0973



59.3707, 59.0795, 64.9254



33.6887, 36.4332, 41.8164



7.6226, 7.5789, 8.3297



12.6777, 6.4798, 3.1143



0.3311, 0.1667, 0.1949

Previews

White Background



This preview shows how the XYZ color 33.6635, 33.7953, 37.0966 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 33.6635, 33.7953, 37.0966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

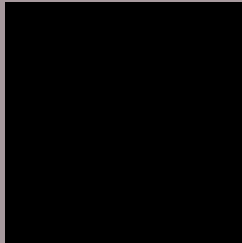
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.6635, 33.7953, 37.0966

Background



This preview shows how black text looks on a background with the XYZ color 33.6635, 33.7953, 37.0966.



This preview shows how white text looks on a background with the XYZ color 33.6635, 33.7953,

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

33.6635, 33.7953, 37.0966

Protanopia

32.4446, 33.6511, 37.5862

Deuteranopia

34.4130, 33.6958, 37.0379



Tritanopia

34.3312, 33.8239, 40.3165

Trichromacy



Original Color

33.6635, 33.7953, 37.0966

Protanomaly

32.8796, 33.6273, 37.5587

Deuteranomaly

34.1404, 33.7971, 37.0719

Tritanomaly

34.0613, 33.7159, 38.8950

Monochromacy



Original Color

33.6635, 33.7953, 37.0966

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.9265, 34.1596, 37.2058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.6635, 33.7953, 37.0966 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(167, 154, 158)` looks like.

```
.text, #text, p{  
    color:rgb(167, 154, 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(167, 154, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 154, 158) }
```

Border

The CSS property to change the border of an element to XYZ 33.6635, 33.7953, 37.0966 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(167, 154, 158) }
```


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

```
.border{ border-color:rgb(167, 154, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 154, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 154, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 154, 158);  
box-shadow:4px 4px 4px 4px rgb(167, 154,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 33.6635, 33.7953, 37.0966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 154, 158) }
```

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

```
.background{ background-color: rgb(167,  
154, 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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