

Converting Colors

XYZ(34.3769, 37.5476, 36.7589)

Have a look what the booklet for
XYZ(34.3769, 37.5476, 36.7589)
contains.

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Color

**XYZ(34.3167, 37.5113,
36.8842)**

Conversions

Conversions Part 1

Format	Color
Hex	A0A79C
RGB	160, 167, 156
RGB Percent	63%, 65%, 61%
CMY	0.3725, 0.3451, 0.3882
CMYK	0.04, 0.00, 0.07, 0.35
HSL	98°, 6%, 63%
HSV	98°, 7%, 65%
XYZ	34.3167, 37.5113, 36.8842
YIQ	163.6530, -0.6410, -4.9050

Conversions

Conversions Part 2

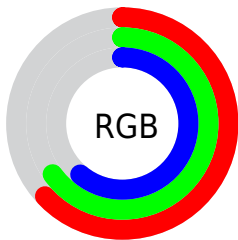
Format	Color
RYB	156, 167, 163
Decimal	10528668
CIELab	67.66, -4.56, 4.82
CIELCh	68, 6.638, 133.437
Yxy	37.5113, 0.3157, 0.3451
Android (android.graphics.Color)	4288718748 (0xFFA0A79C)
YUV	163.6530, -3.7729, -3.2037
Hunter-Lab	61.2465, -7.1669, 7.1666

Details

The XYZ color **34.3167, 37.5113, 36.8842** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.9691, 34.3545, 41.4018**, and the grayscale version is **35.1402, 36.9702, 40.2606**.

A 20% lighter version of the original color is **65.7785, 71.3428, 71.2764**, and **14.9872, 16.5326, 15.7658** is the 20% darker color. If you saturate the color by 10%, you get **30.9641, 35.9364, 29.8459**, and if you desaturate by 10%, it is **38.0476, 39.2609, 44.9567**.

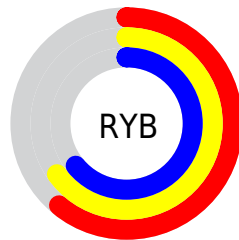
Distribution



Red (63%)

Green (65%)

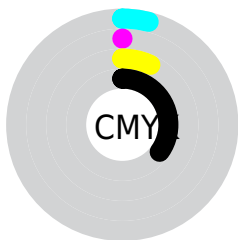
Blue (61%)



Red (61%)

Yellow (65%)

Blue (64%)

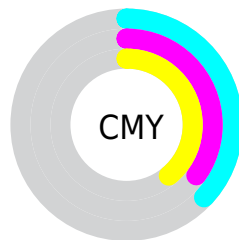


Cyan (4%)

Magenta (0%)

Yellow (7%)

Black (35%)



Cyan (37%)

Magenta (35%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.3167, 37.5113, 36.8842 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 34.3167, 37.5113, 36.8842 by changing the saturation by 10% instead.

■ 34.3167, 37.5113,
36.8842

■ 34.3167, 37.5113,
36.8842

313.1030,
335.5189, 347.9625

■ 23.3010, 25.6036,
24.8228

■ 65.7669, 71.3585,
71.5790

■ 14.9379, 16.5273,
15.7272

■ 86.9321, 94.0667,
95.0494

■ 8.8618, 9.8981,
9.1791

112.2113,
121.1440, 123.1599

■ 4.7076, 5.3314,
4.7598

141.9697,
152.9746, 156.3290

■ 2.1097, 2.4430,
2.0508

176.5727,
189.9431, 194.9753

■ 0.6945, 0.8479,
0.5862

216.3857,

■ 0.0000, 0.0000,

232.4336, 239.5173

0.0000

261.7740,
280.8308, 290.3735

■ 34.3167, 37.5113,
36.8842

■ 34.3167, 37.5113,
36.8842

■ 30.9641, 35.9364,
29.8459

■ 38.0476, 39.2609,
44.9567

■ 27.9743, 34.5258,
23.7978

■ 42.1653, 41.1856,
54.1005

■ 25.3351, 33.2755,
18.6959

■ 46.6824, 43.2919,
64.3535

■ 23.0325, 32.1791,
14.4925

■ 51.6094, 45.5848,
75.7513

■ 21.0516, 31.2302,
11.1351

■ 56.9569, 48.0686,
88.3279

■ 19.3762, 30.4216,
8.5664

■ 62.5402, 50.6702,
101.0918

■ 17.9882, 29.7454,
6.7214

■ 65.9339, 52.4198,
101.2507

■ 16.8674, 29.1930,
5.5251

■ 69.5371, 54.2773,
101.4193

■ 15.9872, 28.7528,
4.8708

■ 73.1094, 56.1189,
101.5865

Harmonies

Analogous

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



35.1978, 37.5113, 35.6008



34.3167, 37.5113, 36.8842



33.7993, 37.5113, 39.2569

Triad

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



34.3167, 37.5113, 36.8842



35.0950, 37.5113, 46.4902



37.6029, 37.5113, 39.5471

Complementary

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



34.3167, 37.5113, 36.8842



33.9691, 34.3545, 41.4018

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.



37.5741, 37.5113, 42.4721



34.3167, 37.5113, 36.8842



36.1128, 37.5113, 46.5770

Square

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



34.3167, 37.5113, 36.8842



34.2427, 37.5113, 44.8444



37.0243, 37.5113, 45.0763



37.1023, 37.5113, 37.0878

Rectangle

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



34.3167, 37.5113, 36.8842



33.7239, 37.5113, 41.1824



37.0243, 37.5113, 45.0763



37.6551, 37.5113, 40.5063

Sweetspot

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



34.3177, 37.5129, 36.8850



64.4135, 68.5661, 72.4018



35.0298, 36.7998, 36.7098



14.4315, 15.3518, 16.2389



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.



34.3177, 37.5129, 36.8850



60.4792, 66.7204, 63.9735



33.6558, 37.1573, 37.5065



7.6847, 8.5355, 8.0318



12.0832, 21.9263, 3.5954



0.3501, 0.5624, 0.0901

Inverse Universe

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



33.9691, 34.3545, 41.4018



59.7153, 59.7997, 73.8704



34.6664, 34.7295, 40.7304



7.5735, 7.5282, 9.4723



9.9669, 4.5216, 28.3229



0.2956, 0.1374, 0.6916

Previews

White Background



This preview shows how the XYZ color 34.3167, 37.5113, 36.8842 looks on a white background.

Color Contrast Check

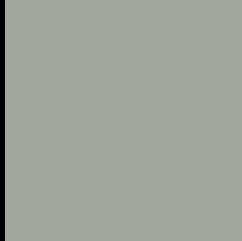
Large Text (above 18pt) WCAG AA × Fail

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 34.3167, 37.5113, 36.8842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

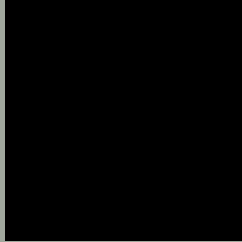
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.3167, 37.5113, 36.8842

Background



This preview shows how black text looks on a background with the XYZ color 34.3167, 37.5113, 36.8842.



This preview shows how white text looks on a background with the XYZ color 34.3167, 37.5113,

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

34.3167, 37.5113, 36.8842

Protanopia

35.6858, 37.4301, 35.9157

Deuteranopia

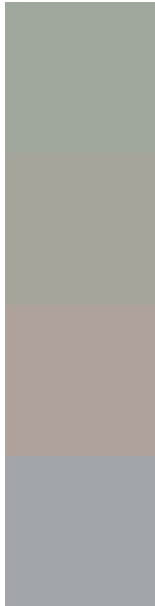
38.0981, 37.3322, 37.5456



Tritanopia

36.3155, 37.5118, 46.9214

Trichromacy



Original Color

34.3167, 37.5113, 36.8842

Protanomaly

35.0974, 37.3838, 36.3763

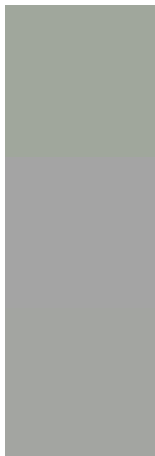
Deuteranomaly

36.6853, 37.3889, 37.1816

Tritanomaly

35.5169, 37.4562, 42.8940

Monochromacy



Original Color

34.3167, 37.5113, 36.8842

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.9924, 37.2700, 39.0677

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3167, 37.5113, 36.8842 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(160, 167, 156) looks like.

```
.text, #text, p{  
    color:rgb(160, 167, 156)  
}
```

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(160, 167, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 167, 156) }
```

Border

The CSS property to change the border of an element to XYZ 34.3167, 37.5113, 36.8842 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(160, 167, 156) }
```


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

```
.border{ border-color:rgb(160, 167, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 167, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 167, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 167, 156);  
box-shadow:4px 4px 4px 4px rgb(160, 167,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3167, 37.5113, 36.8842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 167, 156) }
```

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

```
.background{ background-color: rgb(160,  
167, 156) }
```

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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