

Converting Colors

XYZ(37.3021, 40.7959, 33.9253)

Have a look what the booklet for
XYZ(37.3021, 40.7959, 33.9253)
contains.

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Color

**XYZ(37.3021, 40.7959,
33.9253)**

Conversions

Conversions Part 1

Format	Color
Hex	ACAD94
RGB	172, 173, 148
RGB Percent	67%, 68%, 58%
CMY	0.3255, 0.3216, 0.4196
CMYK	0.01, 0.00, 0.14, 0.32
HSL	62°, 13%, 63%
HSV	62°, 14%, 68%
XYZ	37.3021, 40.7959, 33.9253
YIQ	169.8510, 7.4290, -7.9870

Conversions

Conversions Part 2

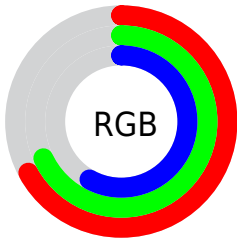
Format	Color
RYB	148, 173, 149
Decimal	11316628
CIELab	70.03, -4.76, 12.75
CIELCh	70, 13.604, 110.468
Yxy	40.7959, 0.3330, 0.3642
Android (android.graphics.Color)	4289506708 (0xFFACAD94)
YUV	169.8510, -10.7725, 1.8847
Hunter-Lab	63.8717, -7.5285, 13.2184

Details

The XYZ color **37.3021, 40.7959, 33.9253** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.5287, 30.5876, 43.8323**, and the grayscale version is **38.1845, 40.1731, 43.7485**.

A 20% lighter version of the original color is **70.0826, 76.0820, 66.8687**, and **16.7408, 18.5309, 14.0037** is the 20% darker color. If you saturate the color by 10%, you get **35.8822, 40.2117, 27.2370**, and if you desaturate by 10%, it is **38.9297, 41.4659, 41.6934**.

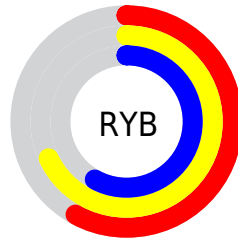
Distribution



Red (67%)

Green (68%)

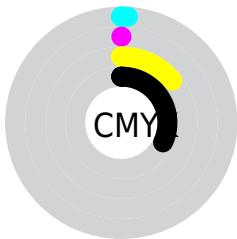
Blue (58%)



Red (58%)

Yellow (68%)

Blue (58%)

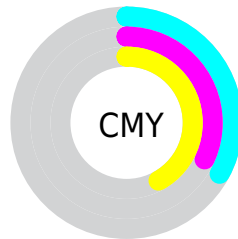


Cyan (1%)

Magenta (0%)

Yellow (14%)

Black (32%)



Cyan (33%)

Magenta (32%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.3021, 40.7959, 33.9253 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 37.3021, 40.7959, 33.9253 by changing the saturation by 10% instead.

■ 37.3021, 40.7959,
33.9253

■ 37.3021, 40.7959,
33.9253

325.9495,
349.4669, 334.5578

■ 25.6162, 28.1596,
22.5593

■ 70.3480, 76.3740,
66.9501

■ 16.6679, 18.4460,
14.0662

■ 92.4387, 100.0846,
89.4459

■ 10.0918, 11.2707,
8.0275

118.7284,
128.2554, 116.4888

■ 5.5226, 6.2492,
4.0245

149.5825,
161.2709, 148.4973

■ 2.5949, 2.9972,
1.6388

185.3663,
199.5153, 185.8899

■ 0.9434, 1.1303,
0.3183

226.4452,

■ 0.0000, 0.0036,

243.3732, 229.0852

0.0000

273.1844,
293.2289, 278.5016

■ 0.0000, 0.0000,
0.0000

■ 37.3021, 40.7959,
33.9253

■ 37.3021, 40.7959,
33.9253

■ 35.8822, 40.2117,
27.2370

■ 38.9297, 41.4659,
41.6934

■ 34.6577, 39.7045,
21.5783

■ 40.7702, 42.2199,
50.5834

■ 33.6200, 39.2720,
16.8988

■ 42.8327, 43.0627,
60.6383

■ 32.7583, 38.9100,
13.1428

■ 45.1248, 43.9975,
71.8982

■ 32.0613, 38.6140,
10.2491

■ 47.6538, 45.0271,
84.4012

■ 31.5158, 38.3787,
8.1493

■ 50.4265, 46.1543,
98.1836

■ 31.1067, 38.1981,
6.7642

■ 51.0945, 46.4398,
100.8785

■ 30.8162, 38.0649,
5.9987

■ 51.2530, 46.5215,
100.8860

■ 30.6826, 38.0022,
5.7180

■ 51.4123, 46.6036,
100.8934

Harmonies

Analogous

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



39.4863, 40.7959, 33.4241



37.3021, 40.7959, 33.9253



35.5762, 40.7959, 37.0858

Triad

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



37.3021, 40.7959, 33.9253



36.1219, 40.7959, 54.5285



43.1379, 40.7959, 46.4747

Complementary

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



37.3021, 40.7959, 33.9253



30.5287, 30.5876, 43.8323

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.



42.1606, 40.7959, 52.6621



37.3021, 40.7959, 33.9253



38.0728, 40.7959, 57.5958

Square

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



37.3021, 40.7959, 33.9253



34.9130, 40.7959, 48.8320



40.2867, 40.7959, 56.8820



42.9123, 40.7959, 40.2817

Rectangle

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



37.3021, 40.7959, 33.9253



34.8908, 40.7959, 40.4576



40.2867, 40.7959, 56.8820



42.9378, 40.7959, 48.6326

Sweetspot

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



37.3032, 40.7977, 33.9262



69.8364, 74.3083, 75.2382



33.3013, 32.4655, 32.5288



15.1275, 16.1285, 16.1129



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.



37.3032, 40.7977, 33.9262



66.0440, 72.7496, 57.1561



34.7210, 39.4665, 33.8053



8.6304, 9.3136, 8.5562



22.5516, 27.9229, 4.2011



0.6369, 0.7817, 0.1173

Inverse Universe

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



30.5287, 30.5876, 43.8323



51.8067, 51.2915, 77.9755



32.8992, 31.8096, 43.9433



7.6075, 7.7720, 10.0519



5.6169, 2.2555, 29.1838



0.1657, 0.0676, 0.8123

Previews

White Background



This preview shows how the XYZ color 37.3021, 40.7959, 33.9253 looks on a white background.

Color Contrast Check

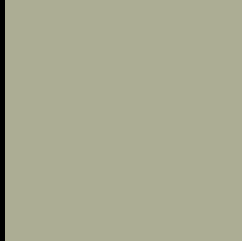
Large Text (above 18pt) WCAG AA × Fail

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 37.3021, 40.7959, 33.9253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

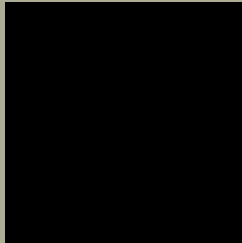
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

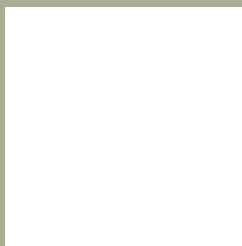
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.3021, 40.7959, 33.9253

Background



This preview shows how black text looks on a background with the XYZ color 37.3021, 40.7959, 33.9253.



This preview shows how white text looks on a background with the XYZ color 37.3021, 40.7959,

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

37.3021, 40.7959, 33.9253

Protanopia

38.6518, 40.9357, 33.4680

Deuteranopia

41.4658, 40.7144, 34.5273



Tritanopia

40.5776, 40.7298, 49.9789

Trichromacy



Original Color

37.3021, 40.7959, 33.9253

Protanomaly

38.1504, 40.9587, 33.4988

Deuteranomaly

39.9210, 40.7400, 34.1933

Tritanomaly

39.3096, 40.7657, 43.8269

Monochromacy



Original Color

37.3021, 40.7959, 33.9253

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.8791, 40.3924, 39.9825

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3021, 40.7959, 33.9253 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(172, 173, 148)` looks like.

```
.text, #text, p{  
    color:rgb(172, 173, 148)  
}
```

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(172, 173, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 173, 148) }
```

Border

The CSS property to change the border of an element to XYZ 37.3021, 40.7959, 33.9253 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(172, 173, 148) }
```


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

```
.border{ border-color:rgb(172, 173, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 173, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 173, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 173, 148);  
box-shadow:4px 4px 4px 4px rgb(172, 173,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3021, 40.7959, 33.9253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 173, 148) }
```

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

```
.background{ background-color: rgb(172,  
173, 148) }
```

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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