

Converting Colors

XYZ(37.2464, 40.3703, 39.7440)

Have a look what the booklet for
XYZ(37.2464, 40.3703, 39.7440)
contains.

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Color

**XYZ(37.1219, 40.2937,
39.5392)**

Conversions

Conversions Part 1

Format	Color
Hex	A7ACA1
RGB	167, 172, 161
RGB Percent	65%, 67%, 63%
CMY	0.3451, 0.3255, 0.3686
CMYK	0.03, 0.00, 0.06, 0.33
HSL	87°, 6%, 65%
HSV	87°, 6%, 67%
XYZ	37.1219, 40.2937, 39.5392
YIQ	169.2510, 0.5510, -4.4810

Conversions

Conversions Part 2

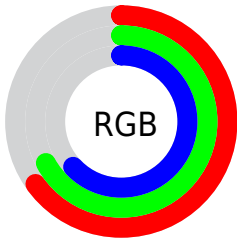
Format	Color
RYB	161, 172, 166
Decimal	10988705
CIELab	69.68, -3.82, 5.03
CIELCh	70, 6.319, 127.192
Yxy	40.2937, 0.3174, 0.3445
Android (android.graphics.Color)	4289178785 (0xFFA7ACA1)
YUV	169.2510, -4.0677, -1.9741
Hunter-Lab	63.4773, -6.6975, 7.5031

Details

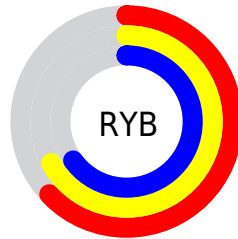
The XYZ color **37.1219, 40.2937, 39.5392** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.9187, 36.5764, 44.1986**, and the grayscale version is **37.8566, 39.8281, 43.3727**.

A 20% lighter version of the original color is **69.9880, 75.4256, 75.8356**, and **16.6012, 18.2036, 17.3905** is the 20% darker color. If you saturate the color by 10%, you get **34.1059, 38.9035, 32.0174**, and if you desaturate by 10%, it is **40.4488, 41.8224, 48.1665**.

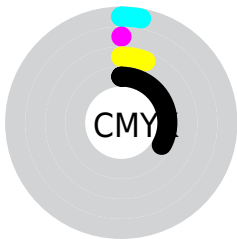
Distribution



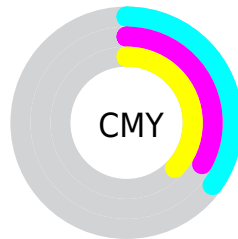
- Red (65%)
- Green (67%)
- Blue (63%)



- Red (63%)
- Yellow (67%)
- Blue (65%)



- Cyan (3%)
- Magenta (0%)
- Yellow (6%)
- Black (33%)



- Cyan (35%)
- Magenta (33%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.1219, 40.2937, 39.5392 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 37.1219, 40.2937, 39.5392 by changing the saturation by 10% instead.

■ 37.1219, 40.2937,
39.5392

■ 37.1219, 40.2937,
39.5392

325.1844,
347.3599, 359.6717

■ 25.4760, 27.7676,
26.8684

■ 70.0728, 75.6105,
75.6907

■ 16.5627, 18.1506,
17.2428

■ 92.1086, 99.1701,
100.0085

■ 10.0165, 11.0581,
10.2440

118.3383,
127.1762, 129.0457

■ 5.4723, 6.1059,
5.4533

149.1274,
160.0134, 163.2208

■ 2.5645, 2.9096,
2.4523

184.8412,
198.0659, 202.9525

■ 0.9279, 1.0847,
0.8147

225.8451,

■ 0.0000, 0.0000,

241.7183, 248.6591

0.0000

272.5043,
291.3548, 300.7594

■ 37.1219, 40.2937,
39.5392

■ 37.1219, 40.2937,
39.5392

■ 34.1059, 38.9035,
32.0174

■ 40.4488, 41.8224,
48.1665

■ 31.3873, 37.6422,
25.5539

■ 44.0928, 43.4885,
57.9387

■ 28.9563, 36.5071,
20.1016

■ 48.0645, 45.2975,
68.8967

■ 26.8012, 35.4933,
15.6094

■ 52.3726, 47.2533,
81.0784

■ 24.9097, 34.5957,
12.0213

■ 57.0255, 49.3592,
94.5202

■ 23.2680, 33.8084,
9.2756

■ 60.5137, 51.0118,
101.2646

■ 21.8610, 33.1253,
7.3029

■ 62.8505, 52.2165,
101.3739

■ 20.6712, 32.5391,
6.0229

■ 65.2984, 53.4784,
101.4885

■ 19.6757, 32.0403,
5.3253

■ 67.8589, 54.7984,
101.6083

Harmonies

Analogous

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



38.0524, 40.2937, 38.5211



37.1219, 40.2937, 39.5392



36.5143, 40.2937, 41.7266

Triad

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



37.1219, 40.2937, 39.5392



37.5410, 40.2937, 49.2700



40.2816, 40.2937, 43.1719

Complementary

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



37.1219, 40.2937, 39.5392



35.9187, 36.5764, 44.1986

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.



40.1388, 40.2937, 46.0918



37.1219, 40.2937, 39.5392



38.5446, 40.2937, 49.6990

Square

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



37.1219, 40.2937, 39.5392



36.7532, 40.2937, 47.3649



39.4986, 40.2937, 48.5124



39.8854, 40.2937, 40.5570

Rectangle

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



37.1219, 40.2937, 39.5392



36.3679, 40.2937, 43.5978



39.4986, 40.2937, 48.5124



40.2951, 40.2937, 44.1494

Sweetspot

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



37.1230, 40.2954, 39.5401



69.9043, 74.2756, 78.3013



37.0749, 38.5996, 39.2153



15.2065, 16.1485, 17.0548



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.



37.1230, 40.2954, 39.5401



66.3474, 72.6397, 69.2023



35.9958, 39.7143, 39.4873



8.3061, 9.1464, 8.5410



14.4615, 23.7522, 3.8224



0.4643, 0.6927, 0.1092

Inverse Universe

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



35.9187, 36.5764, 44.1986



63.5984, 64.1504, 79.8360



37.0855, 37.1779, 44.2532



7.9118, 7.9289, 10.0661



7.9539, 3.4603, 29.2932



0.2848, 0.1290, 0.8179

Previews

White Background



This preview shows how the XYZ color 37.1219, 40.2937, 39.5392 looks on a white background.

Color Contrast Check

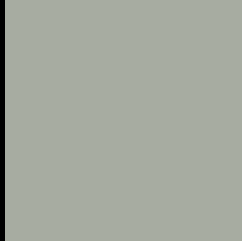
Large Text (above 18pt) WCAG AA × Fail

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 37.1219, 40.2937, 39.5392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

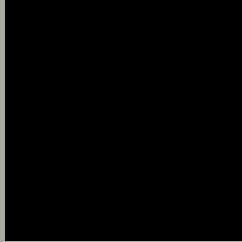
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.1219, 40.2937, 39.5392

Background



This preview shows how black text looks on a background with the XYZ color 37.1219, 40.2937, 39.5392.



This preview shows how white text looks on a background with the XYZ color 37.1219, 40.2937,

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

37.1219, 40.2937, 39.5392

Protanopia

38.4376, 40.1441, 38.9804

Deuteranopia

40.8726, 40.0141, 40.2196



Tritanopia

39.2090, 40.2994, 49.9680

Trichromacy



Original Color

37.1219, 40.2937, 39.5392

Protanomaly

37.9535, 40.1718, 39.0113

Deuteranomaly

39.3964, 40.0698, 39.8403

Tritanomaly

38.3769, 40.2405, 45.7889

Monochromacy



Original Color

37.1219, 40.2937, 39.5392

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.4061, 39.8275, 41.7923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1219, 40.2937, 39.5392 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, 172, 161)` looks like.

```
.text, #text, p{  
    color:rgb(167, 172, 161)  
}
```

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, 172, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 172, 161) }
```

Border

The CSS property to change the border of an element to XYZ 37.1219, 40.2937, 39.5392 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, 172, 161) }
```


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

```
.border{ border-color:rgb(167, 172, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 172, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 172, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 172, 161);  
box-shadow:4px 4px 4px 4px rgb(167, 172,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1219, 40.2937, 39.5392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 172, 161) }
```

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

```
.background{ background-color: rgb(167,  
172, 161) }
```

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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