

Converting Colors

XYZ(35.2755, 37.0174, 42.9614)

Have a look what the booklet for
XYZ(35.2755, 37.0174, 42.9614)
contains.

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Color

**XYZ(35.3372, 37.0969,
42.8341)**

Conversions

Conversions Part 1

Format	Color
Hex	A2A4A9
RGB	162, 164, 169
RGB Percent	64%, 64%, 66%
CMY	0.3647, 0.3568, 0.3373
CMYK	0.04, 0.03, 0.00, 0.34
HSL	223°, 4%, 65%
HSV	223°, 4%, 66%
XYZ	35.3372, 37.0969, 42.8341
YIQ	163.9720, -2.7970, 1.1310

Conversions

Conversions Part 2

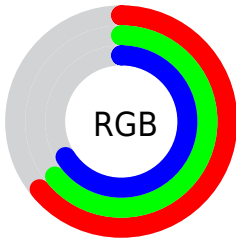
Format	Color
RYB	162, 164, 169
Decimal	10658985
CIELab	67.35, 0.26, -2.84
CIElCh	67, 2.852, 275.307
Yxy	37.0969, 0.3066, 0.3218
Android (android.graphics.Color)	4288849065 (0xFFA2A4A9)
YUV	163.9720, 2.4788, -1.7294
Hunter-Lab	60.9072, -3.0254, 0.9383

Details

The XYZ color **35.3372, 37.0969, 42.8341** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.7026, 38.6807, 39.7147**, and the grayscale version is **35.2637, 37.1002, 40.4021**.

A 20% lighter version of the original color is **67.4013, 70.7966, 80.6337**, and **15.4355, 16.1877, 19.1406** is the 20% darker color. If you saturate the color by 10%, you get **30.0748, 31.3303, 41.9990**, and if you desaturate by 10%, it is **41.2680, 43.5143, 43.7608**.

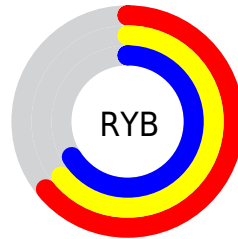
Distribution



Red (64%)

Green (64%)

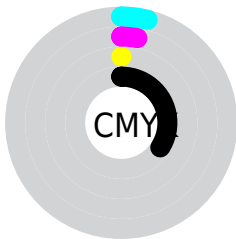
Blue (66%)



Red (64%)

Yellow (64%)

Blue (66%)

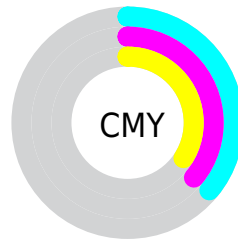


Cyan (4%)

Magenta (3%)

Yellow (0%)

Black (34%)



Cyan (36%)

Magenta (36%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3372, 37.0969, 42.8341 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 35.3372, 37.0969, 42.8341 by changing the saturation by 10% instead.

■ 35.3372, 37.0969,
42.8341

■ 35.3372, 37.0969,
42.8341

317.5362,
333.7299, 373.8302

■ 24.0905, 25.2825,
29.4245

■ 67.3384, 70.7218,
80.7441

■ 15.5258, 16.2877,
19.1539

■ 88.8236, 93.3011,
106.0817

■ 9.2780, 9.7279,
11.6036

114.4523,
120.2375, 136.2323

■ 4.9815, 5.2190,
6.3551

144.5899,
151.9154, 171.6145

■ 2.2711, 2.3763,
2.9899

179.6017,
188.7192, 212.6468

■ 0.7798, 0.8137,
1.0895

219.8532,

■ 0.0000, 0.0000,

231.0333, 259.7479

0.0000

265.7095,
279.2420, 313.3362

■ 35.3372, 37.0969,
42.8341

■ 35.3372, 37.0969,
42.8341

■ 30.0748, 31.3303,
41.9990

■ 41.2680, 43.5143,
43.7608

■ 25.4536, 26.1889,
41.2501

■ 47.8867, 50.5974,
44.7791

■ 21.4493, 21.6523,
40.5855

■ 55.2159, 58.3668,
45.8924

■ 18.0348, 17.6975,
40.0021

■ 63.2764, 66.8406,
47.1032

■ 15.1808, 14.2996,
39.4967

■ 72.0879, 76.0363,
48.4138

■ 12.8554, 11.4318,
39.0657

■ 78.5103, 84.3422,
49.6785

■ 11.0232, 9.0651,
38.7055

■ 82.1100, 91.5414,
50.8783

■ 9.6444, 7.1671,
38.4118

■ 84.1615, 95.6446,
51.5622

■ 8.6717, 5.7010,
38.1801

Harmonies

Analogous

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



34.9099, 37.0969, 42.6165



35.3372, 37.0969, 42.8341



35.7470, 37.0969, 42.3865

Triad

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



35.3372, 37.0969, 42.8341



35.9491, 37.0969, 39.0184



34.5021, 37.0969, 39.3960

Complementary

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



35.3372, 37.0969, 42.8341



36.7026, 38.6807, 39.7147

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.



34.7765, 37.0969, 38.4615



35.3372, 37.0969, 42.8341



35.6114, 37.0969, 38.2467

Square

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



35.3372, 37.0969, 42.8341



36.1021, 37.0969, 40.1702



35.1819, 37.0969, 38.0449



34.4301, 37.0969, 40.6150

Rectangle

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



35.3372, 37.0969, 42.8341



35.9543, 37.0969, 41.7764



35.1819, 37.0969, 38.0449



34.5737, 37.0969, 39.0390

Sweetspot

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



35.3383, 37.0985, 42.8349



66.4754, 69.9036, 77.2142



36.0547, 38.8443, 42.1088



14.5018, 15.2501, 16.8314



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.



35.3383, 37.0985, 42.8349



62.3442, 65.4123, 76.5650



35.2686, 36.5347, 42.7298



7.7477, 8.1266, 9.5786



6.1766, 3.8133, 28.3860



0.1932, 0.1786, 0.7049

Inverse Universe

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



35.9842, 36.9567, 40.3606



63.7586, 65.1088, 71.1456



36.7736, 39.2662, 39.8240



7.9411, 8.0856, 8.8377



12.6182, 6.4560, 2.8013



0.3287, 0.1657, 0.1823

Previews

White Background



This preview shows how the XYZ color 35.3372, 37.0969, 42.8341 looks on a white background.

Color Contrast Check

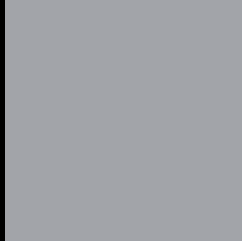
Large Text (above 18pt) WCAG AA × Fail

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 35.3372, 37.0969, 42.8341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

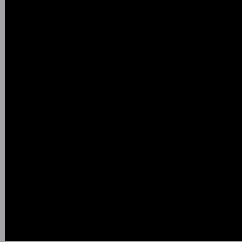
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.3372, 37.0969, 42.8341

Background



This preview shows how black text looks on a background with the XYZ color 35.3372, 37.0969, 42.8341.



This preview shows how white text looks on a background with the XYZ color 35.3372, 37.0969,

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

35.3372, 37.0969, 42.8341

Protanopia

35.6821, 37.0209, 42.3109

Deuteranopia

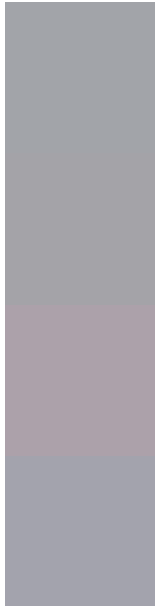
37.7853, 37.0457, 43.1892



Tritanopia

36.0379, 37.1155, 46.3389

Trichromacy



Original Color

35.3372, 37.0969, 42.8341

Protanomaly

35.4749, 36.9141, 42.3012

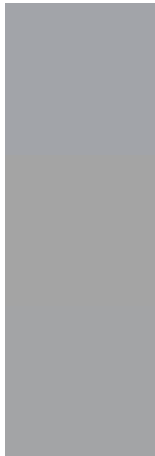
Deuteranomaly

37.0138, 37.1627, 43.2525

Tritanomaly

35.7443, 36.9980, 44.7926

Monochromacy



Original Color

35.3372, 37.0969, 42.8341

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.2627, 37.0906, 41.3771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3372, 37.0969, 42.8341 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(162, 164, 169)` looks like.

```
.text, #text, p{  
    color:rgb(162, 164, 169)  
}
```

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(162, 164, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 164, 169) }
```

Border

The CSS property to change the border of an element to XYZ 35.3372, 37.0969, 42.8341 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(162, 164, 169) }
```


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

```
.border{ border-color:rgb(162, 164, 169) }
```

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

Here you see how a box with a 4 pixel rgb(162, 164, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 164, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 164, 169);  
box-shadow:4px 4px 4px 4px rgb(162, 164,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3372, 37.0969, 42.8341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 164, 169) }
```

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

```
.background{ background-color: rgb(162,  
164, 169) }
```

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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