

Converting Colors

XYZ(35.9436, 37.8159, 41.8678)

Have a look what the booklet for
XYZ(35.9436, 37.8159, 41.8678)
contains.

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Color

**XYZ(35.9472, 37.6996,
41.9413)**

Conversions

Conversions Part 1

Format	Color
Hex	A5A5A7
RGB	165, 165, 167
RGB Percent	65%, 65%, 65%
CMY	0.3529, 0.3529, 0.3451
CMYK	0.01, 0.01, 0.00, 0.35
HSL	240°, 1%, 65%
HSV	240°, 1%, 65%
XYZ	35.9472, 37.6996, 41.9413
YIQ	165.2280, -0.6420, 0.6220

Conversions

Conversions Part 2

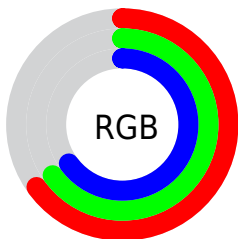
Format	Color
RYB	165, 165, 167
Decimal	10855847
CIELab	67.80, 0.39, -1.04
CIELCh	68, 1.109, 290.340
Yxy	37.6996, 0.3110, 0.3262
Android (android.graphics.Color)	4289045927 (0xFFA5A5A7)
YUV	165.2280, 0.8736, -0.2000
Hunter-Lab	61.4000, -2.9455, 2.4800

Details

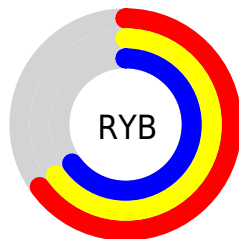
The XYZ color **35.9472, 37.6996, 41.9413** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.5466, 38.5690, 41.1162**, and the grayscale version is **35.8706, 37.7387, 41.0974**.

A 20% lighter version of the original color is **68.2932, 71.6760, 79.3426**, and **15.8097, 16.5588, 18.5826** is the 20% darker color. If you saturate the color by 10%, you get **29.8839, 30.3971, 40.8519**, and if you desaturate by 10%, it is **42.8584, 46.0235, 43.1843**.

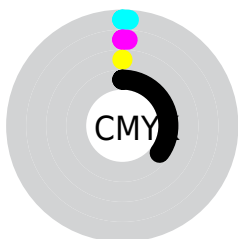
Distribution



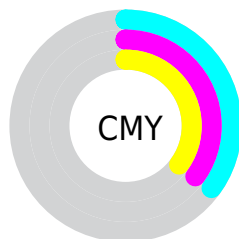
- Red (65%)
- Green (65%)
- Blue (65%)



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



- Cyan (1%)
- Magenta (1%)
- Yellow (0%)
- Black (35%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.9472, 37.6996, 41.9413 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 35.9472, 37.6996, 41.9413 by changing the saturation by 10% instead.

■ 35.9472, 37.6996,
41.9413

■ 35.9472, 37.6996,
41.9413

320.1650,
336.3296, 370.0320

■ 24.5633, 25.7496,
28.7301

■ 68.2750, 71.6475,
79.3799

■ 15.8790, 16.6364,
18.6329

■ 89.9496, 94.4142,
104.4444

■ 9.5289, 9.9756,
11.2312

115.7852,
121.5552, 134.2971

■ 5.1476, 5.3828,
6.1065

146.1471,
153.4550, 169.3565

■ 2.3698, 2.4736,
2.8401

181.4006,
190.4979, 210.0411

■ 0.8300, 0.8634,
1.0136

221.9112,

■ 0.0000, 0.0000,

233.0684, 256.7696

0.0000

268.0442,
281.5508, 309.9604

■ 35.9472, 37.6996,
41.9413

■ 35.9472, 37.6996,
41.9413

■ 29.8839, 30.3971,
40.8519

■ 42.8584, 46.0235,
43.1843

■ 24.6329, 24.0721,
39.9078

■ 50.6451, 55.4010,
44.5839

■ 20.1605, 18.6846,
39.1036

■ 59.3374, 65.8687,
46.1463

■ 16.4299, 14.1900,
38.4327

■ 68.9633, 77.4603,
47.8763

■ 13.4008, 10.5401,
37.8879

■ 79.5493, 90.2077,
49.7789

■ 11.0295, 7.6821,
37.4612

■ 83.9752, 95.5701,
50.5806

■ 9.2671, 5.5574,
37.1440

■ 8.0582, 4.0993,
36.9263

■ 7.3371, 3.2287,
36.7962

Harmonies

Analogous

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



35.7770, 37.6996, 41.9875



35.9472, 37.6996, 41.9413



36.0871, 37.6996, 41.6548

Triad

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



35.9472, 37.6996, 41.9413



36.0434, 37.6996, 40.3249



35.5079, 37.6996, 40.8900

Complementary

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



35.9472, 37.6996, 41.9413



36.5466, 38.5690, 41.1162

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.



35.5788, 37.6996, 40.4480



35.9472, 37.6996, 41.9413



35.8878, 37.6996, 40.1235

Square

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



35.9472, 37.6996, 41.9413



36.1428, 37.6996, 40.7207



35.7177, 37.6996, 40.1684



35.5237, 37.6996, 41.3779

Rectangle

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



35.9472, 37.6996, 41.9413



36.1441, 37.6996, 41.3674



35.7177, 37.6996, 40.1684



35.5224, 37.6996, 40.7312

Sweetspot

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



35.9483, 37.7012, 41.9421



65.7814, 69.2071, 75.3665



36.3082, 38.4261, 42.0469



14.7206, 15.4872, 16.8656



80.6108, 84.8088, 92.3568

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.9483, 37.7012, 41.9421



64.5888, 67.7708, 75.1522



36.1496, 37.8042, 41.9514



8.3177, 8.7295, 9.6649



5.3398, 2.1397, 28.1071



0.1302, 0.0526, 0.6839

Inverse Universe

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



36.1838, 37.8430, 40.9966



64.9478, 67.9870, 73.7109



36.3436, 38.4652, 41.1068



8.3598, 8.7549, 9.4957



12.1959, 6.2871, 0.5770



0.2969, 0.1530, 0.0148

Previews

White Background



This preview shows how the XYZ color 35.9472, 37.6996, 41.9413 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 35.9472, 37.6996, 41.9413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

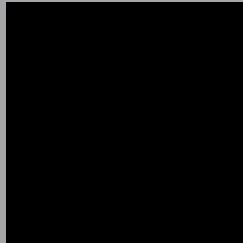
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

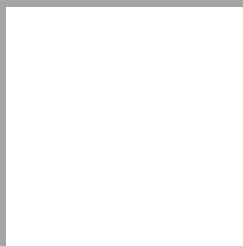
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.9472, 37.6996, 41.9413

Background



This preview shows how black text looks on a background with the XYZ color 35.9472, 37.6996, 41.9413.



This preview shows how white text looks on a background with the XYZ color 35.9472, 37.6996,

41.9413.

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

35.9472, 37.6996, 41.9413

Protanopia

36.1869, 37.5564, 41.9011

Deuteranopia

38.4611, 37.6721, 42.2901



Tritanopia

36.8378, 37.7925, 46.4274

Trichromacy



Original Color

35.9472, 37.6996, 41.9413

Protanomaly

35.9764, 37.4479, 41.8912

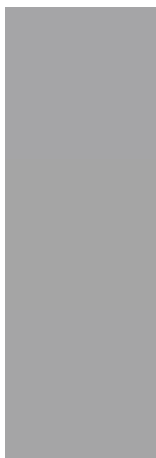
Deuteranomaly

37.6674, 37.7818, 42.3531

Tritanomaly

36.5442, 37.6750, 44.8811

Monochromacy



Original Color

35.9472, 37.6996, 41.9413

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.8551, 37.6628, 41.4563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9472, 37.6996, 41.9413 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(165, 165, 167) looks like.

```
.text, #text, p{  
    color:rgb(165, 165, 167)  
}
```

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(165, 165, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 165, 167) }
```

Border

The CSS property to change the border of an element to XYZ 35.9472, 37.6996, 41.9413 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(165, 165, 167) }
```

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

```
.border{ border-color:rgb(165, 165, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 165, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 165, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 165, 167);  
box-shadow:4px 4px 4px 4px rgb(165, 165,  
167) }
```


Background

The CSS property to change the background color of an element to XYZ 35.9472, 37.6996, 41.9413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 165, 167) }
```

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

```
.background{ background-color: rgb(165,  
165, 167) }
```

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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