

Converting Colors

XYZ(39.2840, 42.8510, 35.8294)

Have a look what the booklet for
XYZ(39.2840, 42.8510, 35.8294)
contains.

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Color

**XYZ(39.2941, 42.9414,
35.9233)**

Conversions

Conversions Part 1

Format	Color
Hex	B0B198
RGB	176, 177, 152
RGB Percent	69%, 69%, 60%
CMY	0.3098, 0.3059, 0.4039
CMYK	0.01, 0.00, 0.14, 0.31
HSL	62°, 14%, 65%
HSV	62°, 14%, 69%
XYZ	39.2941, 42.9414, 35.9233
YIQ	173.8510, 7.4290, -7.9870

Conversions

Conversions Part 2

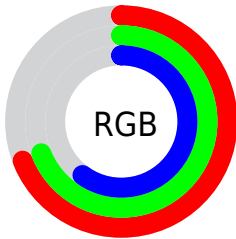
Format	Color
RYB	152, 177, 153
Decimal	11579800
CIELab	71.52, -4.74, 12.69
CIELCh	72, 13.548, 110.495
Yxy	42.9414, 0.3326, 0.3634
Android (android.graphics.Color)	4289769880 (0xFFB0B198)
YUV	173.8510, -10.7725, 1.8847
Hunter-Lab	65.5297, -7.6415, 13.3681

Details

The XYZ color **39.2941, 42.9414, 35.9233** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.3027, 32.4043, 46.1495**, and the grayscale version is **40.2075, 42.3014, 46.0662**.

A 20% lighter version of the original color is **73.5582, 79.8899, 69.9359**, and **17.7250, 19.5658, 15.1543** is the 20% darker color. If you saturate the color by 10%, you get **37.7914, 42.3232, 28.8419**, and if you desaturate by 10%, it is **41.0163, 43.6503, 44.1461**.

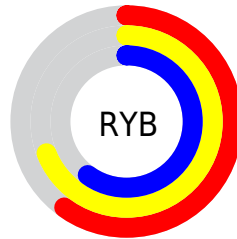
Distribution



Red (69%)

Green (69%)

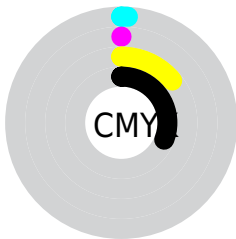
Blue (60%)



Red (60%)

Yellow (69%)

Blue (60%)

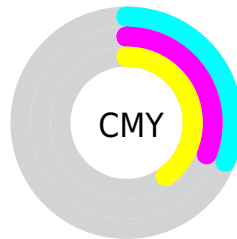


Cyan (1%)

Magenta (0%)

Yellow (14%)

Black (31%)



Cyan (31%)

Magenta (31%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2941, 42.9414, 35.9233 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 39.2941, 42.9414, 35.9233 by changing the saturation by 10% instead.

■ 39.2941, 42.9414,
35.9233

■ 39.2941, 42.9414,
35.9233

334.3249,
358.3707, 343.6524

■ 27.1703, 29.8391,
24.0857

■ 73.3786, 79.6224,
70.0814

■ 17.8385, 19.7165,
15.1844

■ 96.0700, 103.9700,
93.2390

■ 10.9330, 12.1892,
8.8009

123.0148,
132.8347, 121.0070

■ 6.0888, 6.8726,
4.5165

154.5781,
166.6011, 153.8040

■ 2.9403, 3.3826,
1.9128

191.1254,
205.6535, 192.0485

■ 1.1223, 1.3346,
0.5008

233.0221,

■ 0.0436, 0.1677,

250.3763, 236.1590

0.0000

280.6335,
301.1539, 286.5542

■ 0.0000, 0.0000,
0.0000

■ 39.2941, 42.9414,
35.9233

■ 39.2941, 42.9414,
35.9233

■ 37.7914, 42.3232,
28.8419

■ 41.0163, 43.6503,
44.1461

■ 36.4952, 41.7863,
22.8488

■ 42.9636, 44.4480,
53.5548

■ 35.3965, 41.3285,
17.8910

■ 45.1456, 45.3396,
64.1947

■ 34.4840, 40.9453,
13.9096

■ 47.5702, 46.3283,
76.1082

■ 33.7456, 40.6318,
10.8402

■ 50.2451, 47.4173,
89.3353

■ 33.1674, 40.3825,
8.6105

■ 52.6574, 48.4013,
101.1748

■ 32.7337, 40.1910,
7.1372

■ 52.8236, 48.4870,
101.1826

■ 32.4254, 40.0499,
6.3200

■ 52.9907, 48.5732,
101.1904

■ 32.2781, 39.9805,
6.0158

■ 53.1587, 48.6597,
101.1982

Harmonies

Analogous

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



41.5450, 42.9414, 35.4021



39.2941, 42.9414, 35.9233



37.5147, 42.9414, 39.1931

Triad

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



39.2941, 42.9414, 35.9233



38.0805, 42.9414, 57.1619



45.3071, 42.9414, 48.8665

Complementary

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



39.2941, 42.9414, 35.9233



32.3027, 32.4043, 46.1495

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.



44.3024, 42.9414, 55.2339



39.2941, 42.9414, 35.9233



40.0927, 42.9414, 60.3095

Square

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



39.2941, 42.9414, 35.9233



36.8324, 42.9414, 51.3055



42.3736, 42.9414, 59.5728



45.0738, 42.9414, 42.4835

Rectangle

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



39.2941, 42.9414, 35.9233



36.8081, 42.9414, 42.6757



42.3736, 42.9414, 59.5728



45.1016, 42.9414, 51.0882

Sweetspot

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



39.2953, 42.9433, 35.9242



73.4736, 78.1796, 79.1503



35.1644, 34.3432, 34.4820



15.8705, 16.9213, 16.9012



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



39.2953, 42.9433, 35.9242



69.4789, 76.5377, 60.1049



36.6324, 41.5705, 35.7996



9.1627, 9.8889, 9.0784



23.3979, 28.9721, 4.3590



0.7465, 0.9169, 0.1376

Inverse Universe

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



32.3027, 32.4043, 46.1495



54.4829, 53.9357, 82.0344



34.7519, 33.6669, 46.2641



8.0725, 8.2459, 10.6725



5.8267, 2.3396, 30.2815



0.1937, 0.0790, 0.9533

Previews

White Background



This preview shows how the XYZ color 39.2941, 42.9414, 35.9233 looks on a white background.

Color Contrast Check

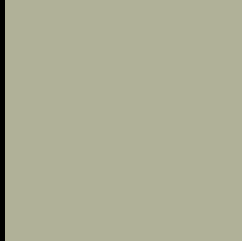
Large Text (above 18pt) WCAG AA × Fail

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 39.2941, 42.9414, 35.9233 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

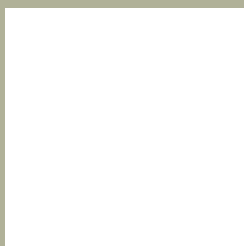
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.2941, 42.9414, 35.9233

Background



This preview shows how black text looks on a background with the XYZ color 39.2941, 42.9414, 35.9233.



This preview shows how white text looks on a background with the XYZ color 39.2941, 42.9414,

35.9233.

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

39.2941, 42.9414, 35.9233

Protanopia

40.6831, 43.0847, 35.4501

Deuteranopia

43.8401, 42.9884, 36.5588



Tritanopia

42.6715, 42.8740, 52.4808

Trichromacy



Original Color

39.2941, 42.9414, 35.9233

Protanomaly

40.1673, 43.1088, 35.4819

Deuteranomaly

41.9882, 42.8813, 36.2009

Tritanomaly

41.3664, 42.9118, 46.1470

Monochromacy



Original Color

39.2941, 42.9414, 35.9233

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.8921, 42.5271, 42.1824

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2941, 42.9414, 35.9233 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(176, 177, 152)` looks like.

```
.text, #text, p{  
    color:rgb(176, 177, 152)  
}
```

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(176, 177, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 177, 152) }
```

Border

The CSS property to change the border of an element to XYZ 39.2941, 42.9414, 35.9233 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(176, 177, 152) }
```


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

```
.border{ border-color:rgb(176, 177, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 177, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 177, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 177, 152);  
box-shadow:4px 4px 4px 4px rgb(176, 177,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2941, 42.9414, 35.9233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 177, 152) }
```

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

```
.background{ background-color: rgb(176,  
177, 152) }
```

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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