

Converting Colors

XYZ(37.1699, 39.3444, 42.8302)

Have a look what the booklet for
XYZ(37.1699, 39.3444, 42.8302)
contains.

XYZ(37.1922, 39.4186, 42.6941)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(37.1922, 39.4186,
42.6941)**

Conversions

Conversions Part 1

Format	Color
Hex	A7A9A8
RGB	167, 169, 168
RGB Percent	65%, 66%, 66%
CMY	0.3451, 0.3372, 0.3412
CMYK	0.01, 0.00, 0.01, 0.34
HSL	150°, 1%, 66%
HSV	150°, 1%, 66%
XYZ	37.1922, 39.4186, 42.6941
YIQ	168.2880, -0.8710, -0.7350

Conversions

Conversions Part 2

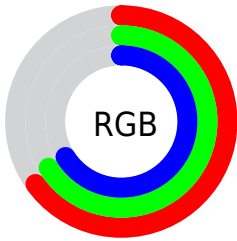
Format	Color
RYB	167, 168, 169
Decimal	10987944
CIELab	69.05, -0.90, 0.26
CIElCh	69, 0.932, 163.940
Yxy	39.4186, 0.3117, 0.3304
Android (android.graphics.Color)	4289178024 (0xFFA7A9A8)
YUV	168.2880, -0.1420, -1.1296
Hunter-Lab	62.7842, -4.1324, 3.6310

Details

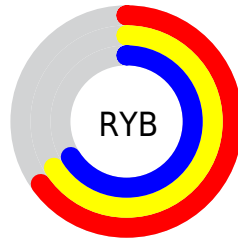
The XYZ color **37.1922, 39.4186, 42.6941** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.2503, 38.9006, 42.5930**, and the grayscale version is **37.3629, 39.3086, 42.8071**.

A 20% lighter version of the original color is **70.0991, 74.1686, 80.4334**, and **16.5839, 17.6284, 19.0515** is the 20% darker color. If you saturate the color by 10%, you get **33.0899, 37.3930, 38.5203**, and if you desaturate by 10%, it is **41.8147, 41.7086, 47.1617**.

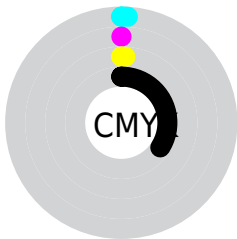
Distribution



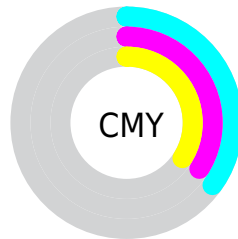
- Red (65%)
- Green (66%)
- Blue (66%)



- Red (65%)
- Yellow (66%)
- Blue (66%)



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (34%)



- Cyan (35%)
- Magenta (34%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.1922, 39.4186, 42.6941 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 37.1922, 39.4186, 42.6941 by changing the saturation by 10% instead.

■ 37.1922, 39.4186,
42.6941

■ 37.1922, 39.4186,
42.6941

325.4830,
343.6669, 373.2364

■ 25.5307, 27.0855,
29.3156

■ 70.1802, 74.2774,
80.5304

■ 16.6037, 17.6375,
19.0720

■ 92.2374, 97.5718,
105.8253

■ 10.0459, 10.6900,
11.5450

118.4906,
125.2889, 135.9294

■ 5.4919, 5.8588,
6.3159

149.3050,
157.8130, 171.2612

■ 2.5764, 2.7594,
2.9662

185.0461,
195.5284, 212.2392

■ 0.9339, 1.0075,
1.0774

226.0793,

■ 0.0000, 0.0000,

238.8196, 259.2821

0.0000

272.7698,
288.0710, 312.8083

■ 37.1922, 39.4186,
42.6941

■ 37.1922, 39.4186,
42.6941

■ 33.0899, 37.3930,
38.5203

■ 41.8147, 41.7086,
47.1617

■ 29.4854, 35.6172,
34.6317

■ 46.9720, 44.2672,
51.9264

■ 26.3599, 34.0826,
31.0232

■ 52.6822, 47.1046,
56.9944

■ 23.6918, 32.7782,
27.6883

■ 58.9615, 50.2292,
62.3714

■ 21.4579, 31.6922,
24.6205

■ 65.8256, 53.6490,
68.0624

■ 19.6329, 30.8116,
21.8127

■ 68.1851, 54.7400,
73.8339

■ 18.1886, 30.1221,
19.2577

■ 69.3264, 55.1966,
79.8439

■ 17.0932, 29.6073,
16.9479

■ 70.5252, 55.6761,
86.1564

■ 16.3090, 29.2481,
14.8750

■ 71.7822, 56.1789,
92.7756

Harmonies

Analogous

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



37.2682, 39.4186, 42.3334



37.1922, 39.4186, 42.6941



37.1895, 39.4186, 43.1177

Triad

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



37.1922, 39.4186, 42.6941



37.5351, 39.4186, 43.7195



37.6724, 39.4186, 42.3546

Complementary

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



37.1922, 39.4186, 42.6941



37.2503, 38.9006, 42.5930

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.



37.7443, 39.4186, 42.7233



37.1922, 39.4186, 42.6941



37.6649, 39.4186, 43.5123

Square

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



37.1922, 39.4186, 42.6941



37.3872, 39.4186, 43.7116



37.7415, 39.4186, 43.1470



37.5453, 39.4186, 42.1383

Rectangle

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



37.1922, 39.4186, 42.6941



37.2296, 39.4186, 43.3788



37.7415, 39.4186, 43.1470



37.7038, 39.4186, 42.4647

Sweetspot

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



37.1933, 39.4203, 42.6950



67.5393, 71.0566, 77.3807



37.3200, 39.4963, 42.2163



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.



37.1933, 39.4203, 42.6950



66.7383, 70.6604, 76.5896



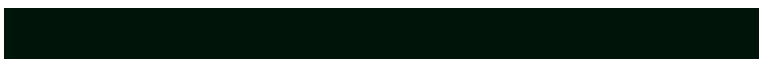
37.2840, 39.4566, 43.1725



8.3662, 8.8529, 9.5997



11.8051, 21.6408, 10.0063



0.3131, 0.5369, 0.3796

Inverse Universe

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



37.2503, 38.9006, 42.5930



66.8260, 69.8602, 76.4327



37.1602, 38.8646, 42.1190



8.3762, 8.7614, 9.5818



13.4325, 6.7817, 7.0891



0.3527, 0.1753, 0.3086

Previews

White Background



This preview shows how the XYZ color 37.1922, 39.4186, 42.6941 looks on a white background.

Color Contrast Check

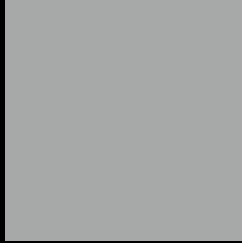
Large Text (above 18pt) WCAG AA × Fail

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 37.1922, 39.4186, 42.6941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

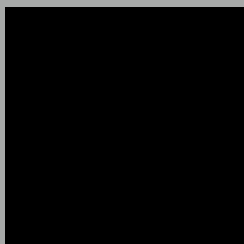
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

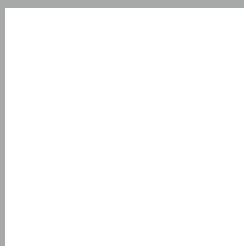
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.1922, 39.4186, 42.6941

Background



This preview shows how black text looks on a background with the XYZ color 37.1922, 39.4186, 42.6941.



This preview shows how white text looks on a background with the XYZ color 37.1922, 39.4186,

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

37.1922, 39.4186, 42.6941

Protanopia

37.9909, 39.5659, 42.1939

Deuteranopia

40.0258, 39.2493, 43.0024



Tritanopia

38.4191, 39.3677, 48.7538

Trichromacy



Original Color

37.1922, 39.4186, 42.6941

Protanomaly

37.5552, 39.3413, 42.1735

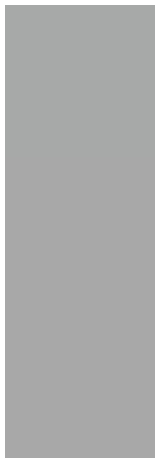
Deuteranomaly

38.9767, 39.2398, 43.0559

Tritanomaly

37.9876, 39.4647, 46.6896

Monochromacy



Original Color

37.1922, 39.4186, 42.6941

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.2190, 39.1572, 42.6422

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1922, 39.4186, 42.6941 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, 169, 168)` looks like.

```
.text, #text, p{  
    color:rgb(167, 169, 168)  
}
```

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, 169, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 169, 168) }
```

Border

The CSS property to change the border of an element to XYZ 37.1922, 39.4186, 42.6941 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, 169, 168) }
```

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

```
.border{ border-color:rgb(167, 169, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 169, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 169, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 169, 168);  
box-shadow:4px 4px 4px 4px rgb(167, 169,  
168) }
```


Background

The CSS property to change the background color of an element to XYZ 37.1922, 39.4186, 42.6941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 169, 168) }
```

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

```
.background{ background-color: rgb(167,  
169, 168) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor