

Converting Colors

XYZ(38.0392, 40.7494, 42.1316)

Have a look what the booklet for
XYZ(38.0392, 40.7494, 42.1316)
contains.

XYZ(37.9976, 40.6932, 41.9283)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(37.9976, 40.6932,
41.9283)**

Conversions

Conversions Part 1

Format	Color
Hex	A9ACA6
RGB	169, 172, 166
RGB Percent	66%, 67%, 65%
CMY	0.3373, 0.3255, 0.3490
CMYK	0.02, 0.00, 0.03, 0.33
HSL	90°, 3%, 66%
HSV	90°, 3%, 67%
XYZ	37.9976, 40.6932, 41.9283
YIQ	170.4190, 0.1380, -2.5020

Conversions

Conversions Part 2

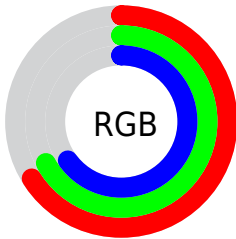
Format	Color
RYB	166, 172, 169
Decimal	11119782
CIELab	69.96, -2.18, 2.70
CIELCh	70, 3.475, 128.951
Yxy	40.6932, 0.3150, 0.3374
Android (android.graphics.Color)	4289309862 (0xFFA9ACA6)
YUV	170.4190, -2.1786, -1.2445
Hunter-Lab	63.7912, -5.3101, 5.6841

Details

The XYZ color **37.9976, 40.6932, 41.9283** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.4464, 38.6871, 44.5255**, and the grayscale version is **38.4290, 40.4303, 44.0286**.

A 20% lighter version of the original color is **71.2607, 76.0059, 79.3214**, and **17.0899, 18.4298, 18.5762** is the 20% darker color. If you saturate the color by 10%, you get **34.7386, 39.1846, 34.0830**, and if you desaturate by 10%, it is **41.5915, 42.3524, 50.8926**.

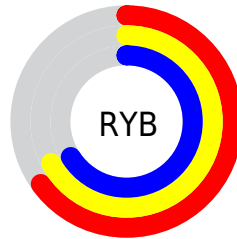
Distribution



Red (66%)

Green (67%)

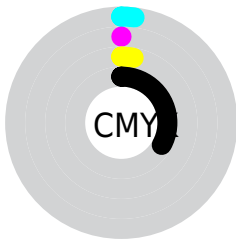
Blue (65%)



Red (65%)

Yellow (67%)

Blue (66%)

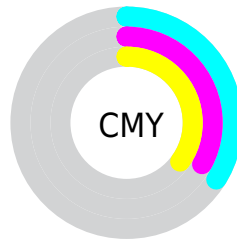


Cyan (2%)

Magenta (0%)

Yellow (3%)

Black (33%)



Cyan (34%)

Magenta (33%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.9976, 40.6932, 41.9283 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 37.9976, 40.6932, 41.9283 by changing the saturation by 10% instead.

■ 37.9976, 40.6932,
41.9283

■ 37.9976, 40.6932,
41.9283

328.8907,
349.0367, 369.9765

■ 26.1580, 28.0794,
28.7200

■ 71.4084, 76.2179,
79.3600

■ 17.0752, 18.3855,
18.6254

■ 93.7103, 99.8977,
104.4205

■ 10.3838, 11.2271,
11.2258

120.2304,
128.0349, 134.2688

■ 5.7183, 6.2198,
6.1029

151.3340,
161.0140, 169.3235

■ 2.7136, 2.9792,
2.8379

187.3865,
199.2193, 210.0031

■ 1.0042, 1.1209,
1.0125

228.7532,

■ 0.0000, 0.0000,

243.0353, 256.7261

0.0000

275.7995,
292.8463, 309.9110

■ 37.9976, 40.6932,
41.9283

■ 37.9976, 40.6932,
41.9283

■ 34.7386, 39.1846,
34.0830

■ 41.5915, 42.3524,
50.8926

■ 31.8005, 37.8168,
27.3100

■ 45.5269, 44.1612,
61.0148

■ 29.1731, 36.5868,
21.5636

■ 49.8147, 46.1256,
72.3349

■ 26.8444, 35.4895,
16.7934

■ 54.4641, 48.2493,
84.8906

■ 24.8016, 34.5194,
12.9450

■ 59.4840, 50.5363,
98.7176

■ 23.0306, 33.6707,
9.9585

■ 62.5106, 52.0413,
101.3580

■ 21.5161, 32.9369,
7.7669

■ 65.1927, 53.4240,
101.4836

■ 20.2407, 32.3107,
6.2935

■ 68.0110, 54.8768,
101.6155

■ 19.1839, 31.7835,
5.4464

■ 70.9673, 56.4009,
101.7538

Harmonies

Analogous

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



38.5086, 40.6932, 41.3002



37.9976, 40.6932, 41.9283



37.6710, 40.6932, 43.1981

Triad

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



37.9976, 40.6932, 41.9283



38.2882, 40.6932, 47.2806



39.7626, 40.6932, 43.8248

Complementary

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



37.9976, 40.6932, 41.9283



37.4464, 38.6871, 44.5255

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.



39.7021, 40.6932, 45.4367



37.9976, 40.6932, 41.9283



38.8472, 40.6932, 47.4583

Square

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



37.9976, 40.6932, 41.9283



37.8376, 40.6932, 46.2962



39.3658, 40.6932, 46.7760



39.5301, 40.6932, 42.3775

Rectangle

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



37.9976, 40.6932, 41.9283



37.5998, 40.6932, 44.2510



39.3658, 40.6932, 46.7760



39.7759, 40.6932, 44.3650

Sweetspot

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



37.9987, 40.6950, 41.9292



70.4860, 74.5409, 79.8897



38.0857, 39.9013, 41.7714



15.3260, 16.2030, 17.3812



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.



37.9987, 40.6950, 41.9292



68.5713, 73.6562, 75.1790



37.3625, 40.3670, 41.8994



8.6248, 9.2921, 9.3946



13.8940, 23.4597, 3.7959



0.4497, 0.6852, 0.1086

Inverse Universe

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



37.4464, 38.6871, 44.5255



67.4068, 69.4230, 80.6530



38.0974, 39.0228, 44.5560



8.4571, 8.6826, 10.1829



8.4642, 3.7233, 29.3171



0.2986, 0.1361, 0.8185

Previews

White Background



This preview shows how the XYZ color 37.9976, 40.6932, 41.9283 looks on a white background.

Color Contrast Check

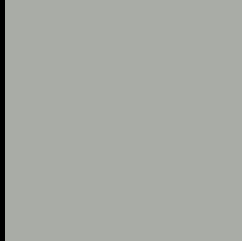
Large Text (above 18pt) WCAG AA × Fail

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 37.9976, 40.6932, 41.9283 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

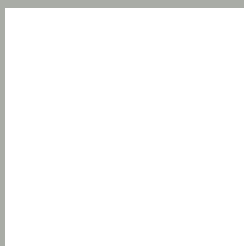
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.9976, 40.6932, 41.9283

Background



This preview shows how black text looks on a background with the XYZ color 37.9976, 40.6932, 41.9283.



This preview shows how white text looks on a background with the XYZ color 37.9976, 40.6932,

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

37.9976, 40.6932, 41.9283

Protanopia

38.8455, 40.5800, 41.3827

Deuteranopia

41.4165, 40.5191, 42.1973



Tritanopia

39.7485, 40.5655, 50.5347

Trichromacy



Original Color

37.9976, 40.6932, 41.9283

Protanomaly

38.5880, 40.7267, 41.4245

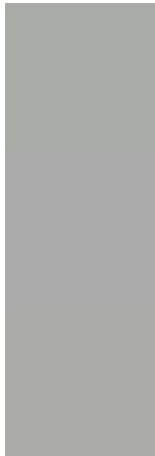
Deuteranomaly

40.2691, 40.7404, 42.3005

Tritanomaly

39.1051, 40.5817, 47.3670

Monochromacy



Original Color

37.9976, 40.6932, 41.9283

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.3019, 40.5364, 43.3417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9976, 40.6932, 41.9283 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(169, 172, 166) looks like.

```
.text, #text, p{  
    color:rgb(169, 172, 166)  
}
```

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(169, 172, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 172, 166) }
```

Border

The CSS property to change the border of an element to XYZ 37.9976, 40.6932, 41.9283 is called "border". The border property can be set on classes, ids or directly on the HTML element.

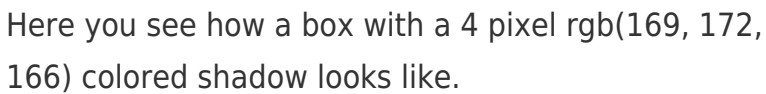
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 172, 166) }
```


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

```
.border{ border-color:rgb(169, 172, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 172, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 172, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 172, 166); box-shadow:4px 4px 4px 4px rgb(169, 172, 166) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9976, 40.6932, 41.9283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 172, 166) }
```

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

```
.background{ background-color: rgb(169,  
172, 166) }
```

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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