

Converting Colors

XYZ(37.3086, 37.3654, 40.5366)

Have a look what the booklet for
XYZ(37.3086, 37.3654, 40.5366)
contains.

XYZ(37.3502, 37.4002, 40.3723)	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(37.3502, 37.4002,
40.3723)**

Conversions

Conversions Part 1

Format	Color
Hex	B0A1A4
RGB	176, 161, 164
RGB Percent	69%, 63%, 64%
CMY	0.3098, 0.3686, 0.3569
CMYK	0.00, 0.09, 0.07, 0.31
HSL	348°, 9%, 66%
HSV	348°, 9%, 69%
XYZ	37.3502, 37.4002, 40.3723
YIQ	165.8270, 7.9770, 4.1130

Conversions

Conversions Part 2

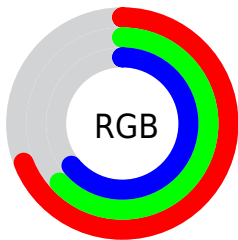
Format	Color
RYB	176, 161, 164
Decimal	11575716
CIELab	67.58, 5.99, 0.41
CIElCh	68, 6.003, 3.957
Yxy	37.4002, 0.3244, 0.3249
Android (android.graphics.Color)	4289765796 (0xFFB0A1A4)
YUV	165.8270, -0.9007, 8.9217
Hunter-Lab	61.1557, 1.9945, 3.6683

Details

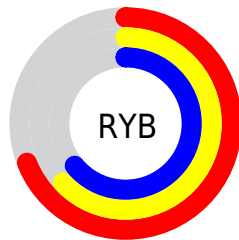
The XYZ color **37.3502, 37.4002, 40.3723** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.7676, 41.6458, 45.5852**, and the grayscale version is **36.1644, 38.0477, 41.4340**.

A 20% lighter version of the original color is **70.6208, 71.3820, 77.0738**, and **16.5616, 16.3181, 17.6060** is the 20% darker color. If you saturate the color by 10%, you get **33.2864, 31.1961, 33.0866**, and if you desaturate by 10%, it is **41.9900, 44.5298, 48.5458**.

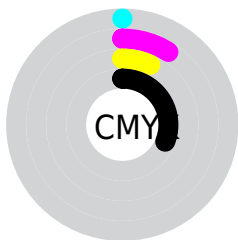
Distribution



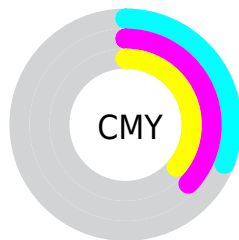
- Red (69%)
- Green (63%)
- Blue (64%)



- Red (69%)
- Yellow (63%)
- Blue (64%)



- Cyan (0%)
- Magenta (9%)
- Yellow (7%)
- Black (31%)





- Cyan (31%)
- Magenta (37%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.3502, 37.4002, 40.3723 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 37.3502, 37.4002, 40.3723 by changing the saturation by 10% instead.


 37.3502, 37.4002,
40.3723


 37.3502, 37.4002,
40.3723


326.1535,
335.0399, 363.2889

 25.6537, 25.5175,
27.5129


 70.4214, 71.1879,
76.9734

 16.6960, 16.4630,
17.7230


 92.5268, 93.8616,
101.5522

 10.1120, 9.8524,
10.5839

118.8325,
120.9012, 130.8746

 5.5361, 5.3012,
5.6772

149.7039,
152.6910, 165.3591

 2.6031, 2.4251,
2.5842

185.5064,
189.6153, 205.4242

 0.9475, 0.8387,
0.8843

226.6052,

 0.0000, 0.0000,

232.0587, 251.4885

0.0000

273.3658,
280.4054, 303.9706

■ 37.3502, 37.4002,
40.3723

■ 37.3502, 37.4002,
40.3723

■ 33.2864, 31.1961,
33.0866

■ 41.9900, 44.5298,
48.5458

■ 29.7727, 25.8748,
26.6562

■ 47.2238, 52.6156,
57.6333

■ 26.7863, 21.3974,
21.0501

■ 53.0729, 61.6929,
67.6628

■ 24.3012, 17.7205,
16.2346

■ 59.5565, 71.7938,
78.6606

■ 22.2893, 14.7965,
12.1736

■ 66.6931, 82.9490,
90.6518

■ 20.7198, 12.5730,
8.8281

■ 70.6856, 87.5586,
102.3890

■ 19.5579, 10.9904,
6.1555

■ 71.7147, 87.9702,
107.8079

■ 18.7634, 9.9797,
4.1083

■ 18.2709, 9.4219,
2.6268

Harmonies

Analogous

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



37.1684, 37.4002, 42.9980



37.3502, 37.4002, 40.3723



37.0422, 37.4002, 37.9454

Triad

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



37.3502, 37.4002, 40.3723



34.5644, 37.4002, 36.6453



34.7733, 37.4002, 45.4683

Complementary

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



37.3502, 37.4002, 40.3723



37.7676, 41.6458, 45.5852

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.



34.0941, 37.4002, 43.6318



37.3502, 37.4002, 40.3723



33.9750, 37.4002, 38.5286

Square

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



37.3502, 37.4002, 40.3723



35.4253, 37.4002, 35.8534



33.8043, 37.4002, 41.0746



35.6705, 37.4002, 46.0135

Rectangle

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



37.3502, 37.4002, 40.3723



36.6037, 37.4002, 36.7445



33.8043, 37.4002, 41.0746



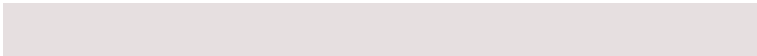
34.5124, 37.4002, 44.9777

Sweetspot

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



37.3513, 37.4018, 40.3731



72.2111, 74.6916, 81.1254



37.8161, 37.5103, 46.3218



15.5041, 15.9637, 17.3254



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.



37.3513, 37.4018, 40.3731



66.4518, 65.8583, 70.9270



37.8842, 38.8958, 39.2311



8.5635, 8.5321, 9.1998



13.3786, 6.8690, 1.8878



0.4413, 0.2243, 0.1664

Inverse Universe

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



37.3513, 37.4018, 40.3731



66.4518, 65.8583, 70.9270



37.1933, 40.0279, 46.8406



8.5635, 8.5321, 9.1998



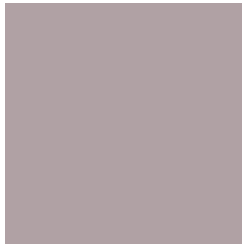
13.3786, 6.8690, 1.8878



0.4413, 0.2243, 0.1664

Previews

White Background



This preview shows how the XYZ color 37.3502, 37.4002, 40.3723 looks on a white background.

Color Contrast Check

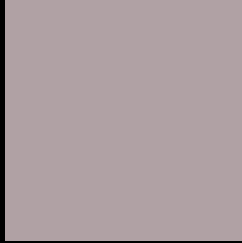
Large Text (above 18pt) WCAG AA × Fail

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 37.3502, 37.4002, 40.3723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

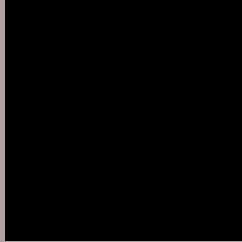
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

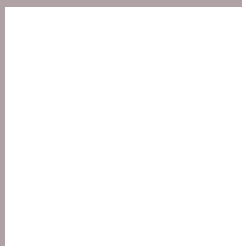
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.3502, 37.4002, 40.3723

Background



This preview shows how black text looks on a background with the XYZ color 37.3502, 37.4002, 40.3723.



This preview shows how white text looks on a background with the XYZ color 37.3502, 37.4002,

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

37.3502, 37.4002, 40.3723

Protanopia

36.0947, 37.5196, 41.4160

Deuteranopia

37.9214, 37.1799, 40.2997



Tritanopia

38.1487, 37.4673, 44.2510

Trichromacy



Original Color

37.3502, 37.4002, 40.3723

Protanomaly

36.4663, 37.4570, 40.9053

Deuteranomaly

37.8621, 37.4057, 40.3464

Tritanomaly

37.8637, 37.3533, 42.7504

Monochromacy



Original Color

37.3502, 37.4002, 40.3723

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.6446, 37.8136, 40.9647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3502, 37.4002, 40.3723 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, 161, 164)` looks like.

```
.text, #text, p{  
    color:rgb(176, 161, 164)  
}
```

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, 161, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 161, 164) }
```

Border

The CSS property to change the border of an element to XYZ 37.3502, 37.4002, 40.3723 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, 161, 164) }
```


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

```
.border{ border-color:rgb(176, 161, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 161, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 161, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 161, 164); box-shadow:4px 4px 4px 4px rgb(176, 161, 164) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3502, 37.4002, 40.3723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 161, 164) }
```

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

```
.background{ background-color: rgb(176,  
161, 164) }
```

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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