

Converting Colors

XYZ(36.8539, 37.9284, 40.6947)

Have a look what the booklet for
XYZ(36.8539, 37.9284, 40.6947)
contains.

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Color

**XYZ(36.7709, 37.8892,
40.4973)**

Conversions

Conversions Part 1

Format	Color
Hex	ABA4A4
RGB	171, 164, 164
RGB Percent	67%, 64%, 64%
CMY	0.3294, 0.3568, 0.3569
CMYK	0.00, 0.04, 0.04, 0.33
HSL	0°, 4%, 66%
HSV	0°, 4%, 67%
XYZ	36.7709, 37.8892, 40.4973
YIQ	166.0930, 4.1720, 1.4840

Conversions

Conversions Part 2

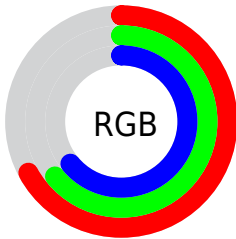
Format	Color
RYB	171, 164, 164
Decimal	11248804
CIELab	67.94, 2.52, 0.89
CIELCh	68, 2.675, 19.465
Yxy	37.8892, 0.3193, 0.3290
Android (android.graphics.Color)	4289438884 (0xFFABA4A4)
YUV	166.0930, -1.0318, 4.3034
Hunter-Lab	61.5542, -1.0885, 4.0803

Details

The XYZ color **36.7709, 37.8892, 40.4973** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.2234, 39.9580, 44.2794**, and the grayscale version is **36.2948, 38.1849, 41.5834**.

A 20% lighter version of the original color is **69.4817, 71.9463, 77.2428**, and **16.3265, 16.6801, 17.6883** is the 20% darker color. If you saturate the color by 10%, you get **32.4734, 31.6014, 31.9513**, and if you desaturate by 10%, it is **41.6893, 45.0856, 50.2757**.

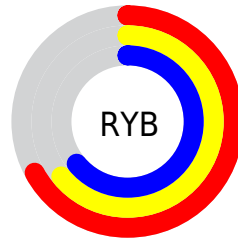
Distribution



Red (67%)

Green (64%)

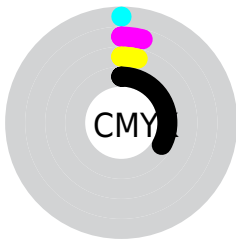
Blue (64%)



Red (67%)

Yellow (64%)

Blue (64%)

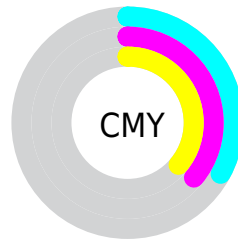


Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (33%)



Cyan (33%)

Magenta (36%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.7709, 37.8892, 40.4973 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 36.7709, 37.8892, 40.4973 by changing the saturation by 10% instead.

■ 36.7709, 37.8892,
40.4973

■ 36.7709, 37.8892,
40.4973

323.6904,
337.1444, 363.8294

■ 25.2030, 25.8967,
27.6098

■ 69.5364, 71.9383,
77.1655

■ 16.3579, 16.7464,
17.7952

■ 91.4647, 94.7637,
101.7833

■ 9.8702, 10.0538,
10.6352

117.5773,
121.9688, 131.1483

■ 5.3746, 5.4347,
5.7110

148.2394,
153.9380, 165.6789

■ 2.5057, 2.5045,
2.6042

183.8164,
191.0558, 205.7938

■ 0.8981, 0.8789,
0.8946

224.6736,

■ 0.0000, 0.0000,

233.7066, 251.9115

0.0000

271.1765,
282.2746, 304.4505

■ 36.7709, 37.8892,
40.4973

■ 36.7709, 37.8892,
40.4973

■ 32.4734, 31.6014,
31.9513

■ 41.6893, 45.0856,
50.2757

■ 28.7692, 26.1814,
24.5864

■ 47.2486, 53.2196,
61.3301

■ 25.6332, 21.5927,
18.3514

■ 53.4718, 62.3249,
73.7049

■ 23.0372, 17.7941,
13.1906

■ 60.3799, 72.4320,
87.4418

■ 20.9509, 14.7411,
9.0433

■ 67.9927, 83.5703,
102.5805

■ 19.3407, 12.3847,
5.8428

■ 70.6048, 87.3980,
107.7560

■ 18.1690, 10.6700,
3.5145

■ 17.3929, 9.5340,
1.9726

■ 16.9605, 8.9009,
1.1142

Harmonies

Analogous

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



36.8035, 37.8892, 41.6746



36.7709, 37.8892, 40.4973



36.5342, 37.8892, 39.5407

Triad

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



36.7709, 37.8892, 40.4973



35.4089, 37.8892, 39.7860



35.8667, 37.8892, 43.5450

Complementary

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



36.7709, 37.8892, 40.4973



37.2234, 39.9580, 44.2794

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.



35.4959, 37.8892, 43.0180



36.7709, 37.8892, 40.4973



35.2330, 37.8892, 40.8381

Square

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



36.7709, 37.8892, 40.4973



35.7470, 37.8892, 39.1355



35.2647, 37.8892, 42.0219



36.2794, 37.8892, 43.4495

Rectangle

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



36.7709, 37.8892, 40.4973



36.2935, 37.8892, 39.1496



35.2647, 37.8892, 42.0219



35.7331, 37.8892, 43.4344

Sweetspot

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



36.7720, 37.8908, 40.4981



68.4446, 71.6474, 77.6765



37.4213, 38.1497, 43.9199



15.2741, 15.9933, 17.3434



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.



36.7720, 37.8908, 40.4981



65.0410, 66.6674, 70.9088



37.4065, 39.1598, 40.7096



8.3862, 8.5729, 9.0956



12.6613, 6.5282, 0.5927



0.3523, 0.1818, 0.0165

Inverse Universe

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



37.2234, 39.9580, 44.2794



66.0395, 71.2394, 79.2718



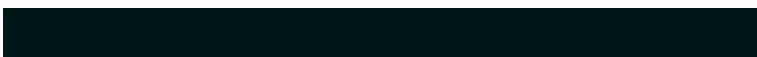
36.5716, 38.6544, 44.0621



8.5280, 9.2222, 10.2833



16.5094, 24.1527, 32.8363



0.4594, 0.6721, 0.9135

Previews

White Background



This preview shows how the XYZ color 36.7709, 37.8892, 40.4973 looks on a white background.

Color Contrast Check

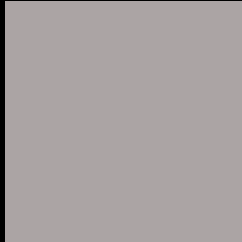
Large Text (above 18pt) WCAG AA × Fail

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 36.7709, 37.8892, 40.4973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

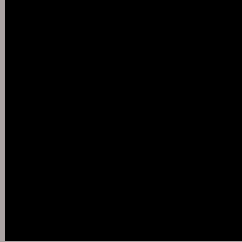
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.7709, 37.8892, 40.4973

Background



This preview shows how black text looks on a background with the XYZ color 36.7709, 37.8892, 40.4973.



This preview shows how white text looks on a background with the XYZ color 36.7709, 37.8892,

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

36.7709, 37.8892, 40.4973

Protanopia

36.5182, 38.0256, 40.5369

Deuteranopia

38.6537, 37.8033, 40.8568



Tritanopia

37.8918, 37.8200, 45.8603

Trichromacy



Original Color

36.7709, 37.8892, 40.4973

Protanomaly

36.7335, 38.1367, 40.5470

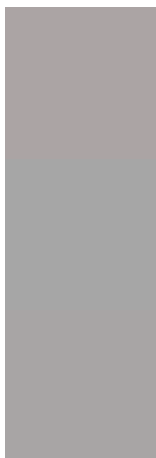
Deuteranomaly

37.8965, 37.6713, 40.8712

Tritanomaly

37.4611, 37.9053, 43.8701

Monochromacy



Original Color

36.7709, 37.8892, 40.4973

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.3951, 37.9517, 41.0045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7709, 37.8892, 40.4973 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(171, 164, 164)` looks like.

```
.text, #text, p{  
    color:rgb(171, 164, 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(171, 164, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 164, 164) }
```

Border

The CSS property to change the border of an element to XYZ 36.7709, 37.8892, 40.4973 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(171, 164, 164) }
```


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

```
.border{ border-color:rgb(171, 164, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 164, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 164, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 164, 164);  
box-shadow:4px 4px 4px 4px rgb(171, 164,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7709, 37.8892, 40.4973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 164, 164) }
```

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

```
.background{ background-color: rgb(171,  
164, 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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