

Converting Colors

XYZ(38.1078, 40.4261, 32.0901)

Have a look what the booklet for
XYZ(38.1078, 40.4261, 32.0901)
contains.

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Color

**XYZ(37.9992, 40.3468,
32.1705)**

Conversions

Conversions Part 1

Format	Color
Hex	B3AA90
RGB	179, 170, 144
RGB Percent	70%, 67%, 56%
CMY	0.2980, 0.3333, 0.4353
CMYK	0.00, 0.05, 0.20, 0.30
HSL	45°, 19%, 63%
HSV	45°, 20%, 70%
XYZ	37.9992, 40.3468, 32.1705
YIQ	169.7270, 13.7100, -6.1780

Conversions

Conversions Part 2

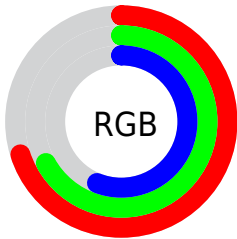
Format	Color
R _Y B	156, 179, 144
Decimal	11774608
CIE Lab	69.72, -1.12, 14.58
CIE LCh	70, 14.622, 94.413
Yxy	40.3468, 0.3438, 0.3651
Android (android.graphics.Color)	4289964688 (0xFFB3AA90)
YUV	169.7270, -12.6834, 8.1324
Hunter-Lab	63.5191, -4.3740, 14.4348

Details

The XYZ color **37.9992, 40.3468, 32.1705** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.0294, 31.9657, 47.1827**, and the grayscale version is **38.1298, 40.1155, 43.6858**.

A 20% lighter version of the original color is **71.3792, 75.5898, 64.2543**, and **17.1030, 18.2006, 13.2013** is the 20% darker color. If you saturate the color by 10%, you get **35.8910, 38.1489, 25.2448**, and if you desaturate by 10%, it is **40.3567, 42.6955, 40.2506**.

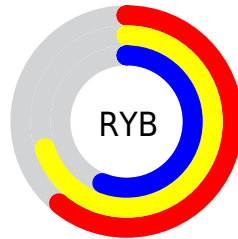
Distribution



Red (70%)

Green (67%)

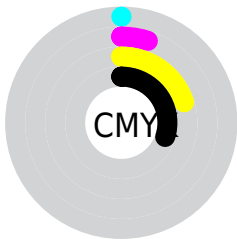
Blue (56%)



Red (61%)

Yellow (70%)

Blue (56%)

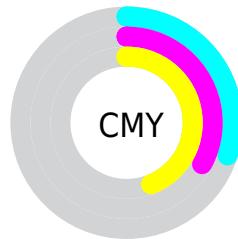


Cyan (0%)

Magenta (5%)

Yellow (20%)

Black (30%)



Cyan (30%)


Magenta (33%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.9992, 40.3468, 32.1705 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 37.9992, 40.3468, 32.1705 by changing the saturation by 10% instead.


 37.9992, 40.3468,
32.1705


 37.9992, 40.3468,
32.1705


328.8975,
347.5831, 326.4118

 26.1593, 27.8090,
21.2259

 71.4108, 75.6913,
64.1793

 17.0761, 18.1818,
13.0964


 93.7132, 99.2669,
86.0805

 10.3844, 11.0806,
7.3634

120.2338,
127.2905, 112.4711

 5.7188, 6.1210,
3.6085

151.3380,
160.1465, 143.7694

 2.7139, 2.9188,
1.4131

187.3911,
198.2194, 180.3941

 1.0043, 1.0895,
0.1519

228.7585,

 0.0000, 0.0000,

241.8936, 222.7637

0.0000

275.8055,
291.5533, 271.2968

■ 37.9992, 40.3468,
32.1705

■ 37.9992, 40.3468,
32.1705

■ 35.8910, 38.1489,
25.2448

■ 40.3567, 42.6955,
40.2506

■ 34.0185, 36.0916,
19.4170

■ 42.9701, 45.1940,
49.5326

■ 32.3712, 34.1718,
14.6299

■ 45.8497, 47.8482,
60.0649

■ 30.9369, 32.3840,
10.8199

■ 49.0043, 50.6622,
71.8920

■ 29.7019, 30.7223,
7.9166

■ 52.4423, 53.6397,
85.0566

■ 28.6507, 29.1798,
5.8398

■ 56.1716, 56.7844,
99.5991

■ 27.7651, 27.7488,
4.4955

■ 57.8106, 59.1440,
102.9767

■ 27.0095, 26.4146,
3.6980

■ 58.9078, 61.3384,
103.3425

■ 26.9769, 26.3564,
3.6655

■ 60.0375, 63.5978,
103.7190

Harmonies

Analogous

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



40.3486, 40.3468, 33.1886



37.9992, 40.3468, 32.1705



35.8325, 40.3468, 34.0277

Triad

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



37.9992, 40.3468, 32.1705



34.7136, 40.3468, 51.7196



42.6031, 40.3468, 49.8064

Complementary

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



37.9992, 40.3468, 32.1705



31.0294, 31.9657, 47.1827

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.



40.9795, 40.3468, 55.5900



37.9992, 40.3468, 32.1705



36.4155, 40.3468, 56.7719

Square

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



37.9992, 40.3468, 32.1705



33.9858, 40.3468, 44.9417



38.6998, 40.3468, 58.2560



43.0693, 40.3468, 42.9352

Rectangle

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



37.9992, 40.3468, 32.1705



34.7637, 40.3468, 36.7712



38.6998, 40.3468, 58.2560



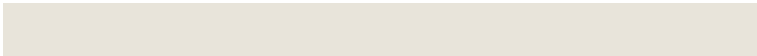
42.1714, 40.3468, 51.9642

Sweetspot

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



38.0003, 40.3486, 32.1714



73.8397, 77.9793, 77.5766



34.3415, 31.8417, 34.6181



16.2940, 17.2135, 16.9569



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



38.0003, 40.3486, 32.1714



66.5566, 70.7209, 52.6201



37.9128, 42.8934, 32.6672



9.0085, 9.5295, 9.0171



19.1174, 18.7335, 2.6083



0.6453, 0.6770, 0.0967

Inverse Universe

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



31.0294, 31.9657, 47.1827



52.0257, 53.2483, 83.9171



31.0906, 29.8933, 46.7795



8.2137, 8.5735, 10.7283



6.4860, 3.7725, 30.5233



0.2521, 0.2146, 0.9764

Previews

White Background



This preview shows how the XYZ color 37.9992, 40.3468, 32.1705 looks on a white background.

Color Contrast Check

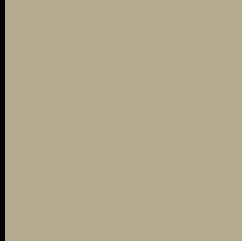
Large Text (above 18pt) WCAG AA × Fail

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 37.9992, 40.3468, 32.1705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

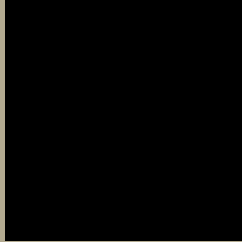
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.9992, 40.3468, 32.1705

Background



This preview shows how black text looks on a background with the XYZ color 37.9992, 40.3468, 32.1705.



This preview shows how white text looks on a background with the XYZ color 37.9992, 40.3468,

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

37.9992, 40.3468, 32.1705

Protanopia

37.9992, 40.3468, 32.1705

Deuteranopia

41.1512, 40.3310, 32.4038



Tritanopia

41.0195, 40.1919, 47.7153

Trichromacy



Original Color

37.9992, 40.3468, 32.1705

Protanomaly

37.9992, 40.3468, 32.1705

Deuteranomaly

39.9823, 40.2639, 32.4525

Tritanomaly

39.9931, 40.3357, 41.7541

Monochromacy



Original Color

37.9992, 40.3468, 32.1705

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.0413, 40.2069, 39.4739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9992, 40.3468, 32.1705 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(179, 170, 144)` looks like.

```
.text, #text, p{  
    color:rgb(179, 170, 144)  
}
```

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(179, 170, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 170, 144) }
```

Border

The CSS property to change the border of an element to XYZ 37.9992, 40.3468, 32.1705 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(179, 170, 144) }
```


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

```
.border{ border-color:rgb(179, 170, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 170, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 170, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 170, 144);  
box-shadow:4px 4px 4px 4px rgb(179, 170,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9992, 40.3468, 32.1705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 170, 144) }
```

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

```
.background{ background-color: rgb(179,  
170, 144) }
```

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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