

Converting Colors

XYZ(38.4508, 40.4482, 38.1285)

Have a look what the booklet for
XYZ(38.4508, 40.4482, 38.1285)
contains.

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Color

**XYZ(38.4508, 40.4482,
38.1285)**

Conversions

Conversions Part 1

Format	Color
Hex	B0AA9E
RGB	176, 170, 158
RGB Percent	69%, 67%, 62%
CMY	0.3098, 0.3333, 0.3804
CMYK	0.00, 0.03, 0.10, 0.31
HSL	40°, 10%, 65%
HSV	40°, 10%, 69%
XYZ	38.4508, 40.4482, 38.1285
YIQ	170.4260, 7.4280, -2.4600

Conversions

Conversions Part 2

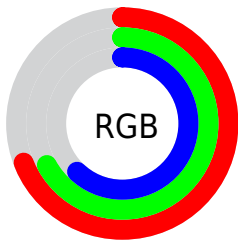
Format	Color
RYB	167, 176, 158
Decimal	11578014
CIELab	69.79, 0.02, 6.94
CIELCh	70, 6.940, 89.841
Yxy	40.4482, 0.3286, 0.3456
Android (android.graphics.Color)	4289768094 (0xFFB0AA9E)
YUV	170.4260, -6.1260, 4.8884
Hunter-Lab	63.5989, -3.3800, 8.9740

Details

The XYZ color **38.4508, 40.4482, 38.1285** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.2124, 36.9540, 46.3517**, and the grayscale version is **38.4491, 40.4515, 44.0516**.

A 20% lighter version of the original color is **72.2142, 75.8103, 73.7776**, and **17.3007, 18.2294, 16.5167** is the 20% darker color. If you saturate the color by 10%, you get **35.9687, 37.7369, 30.3546**, and if you desaturate by 10%, it is **41.2012, 43.3479, 47.0633**.

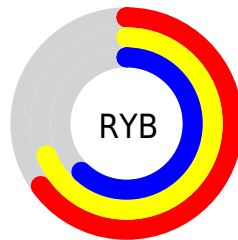
Distribution



Red (69%)

Green (67%)

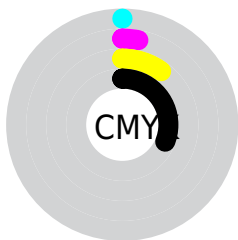
Blue (62%)



Red (65%)

Yellow (69%)

Blue (62%)

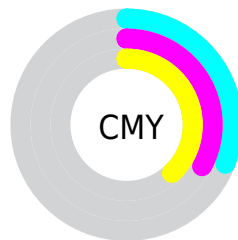


Cyan (0%)

Magenta (3%)

Yellow (10%)

Black (31%)



Cyan (31%)


Magenta (33%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.4508, 40.4482, 38.1285 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 38.4508, 40.4482, 38.1285 by changing the saturation by 10% instead.


 38.4508, 40.4482,
38.1285


 38.4508, 40.4482,
38.1285


330.7974,
348.0091, 353.4856

 26.5116, 27.8882,
25.7798


 72.0980, 75.8455,
73.5107

 17.3414, 18.2414,
16.4347


 94.5367, 99.4516,
97.3812

 10.5750, 11.1234,
9.6746

121.2059,
127.5085, 125.9295

 5.8470, 6.1499,
5.0810

152.4710,
160.4007, 159.5741

 2.7921, 2.9365,
2.2353

188.6974,
198.5124, 198.7334

 1.0448, 1.0986,
0.6946

230.2503,

 0.0000, 0.0000,

242.2281, 243.8261

0.0000

277.4952,
291.9322, 295.2706

■ 38.4508, 40.4482,
38.1285

■ 38.4508, 40.4482,
38.1285

■ 35.9687, 37.7369,
30.3546

■ 41.2012, 43.3479,
47.0633

■ 33.7417, 35.2038,
23.6904

■ 44.2258, 46.4353,
57.2020

■ 31.7604, 32.8455,
18.0847

■ 47.5344, 49.7169,
68.5887

■ 30.0137, 30.6562,
13.4815

■ 51.1355, 53.1967,
81.2644

■ 28.4891, 28.6301,
9.8191

■ 55.0369, 56.8790,
95.2682

■ 27.1730, 26.7607,
7.0295

■ 57.8302, 60.2013,
103.1798

■ 26.0502, 25.0405,
5.0350

■ 59.2609, 63.0626,
103.6567

■ 25.1025, 23.4614,
3.7440

■ 60.7447, 66.0303,
104.1513

■ 24.3088, 22.0385,
2.9726

■ 62.2822, 69.1053,
104.6638

Harmonies

Analogous

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



39.5425, 40.4482, 38.8958



38.4508, 40.4482, 38.1285



37.3778, 40.4482, 38.8800

Triad

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



38.4508, 40.4482, 38.1285



36.5977, 40.4482, 47.1984



40.3469, 40.4482, 47.2296

Complementary

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



38.4508, 40.4482, 38.1285



35.2124, 36.9540, 46.3517

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.



39.5320, 40.4482, 49.6401



38.4508, 40.4482, 38.1285



37.3676, 40.4482, 49.6215

Square

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



38.4508, 40.4482, 38.1285



36.3207, 40.4482, 44.0240



38.4388, 40.4482, 50.5356



40.6502, 40.4482, 44.0584

Rectangle

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



38.4508, 40.4482, 38.1285



36.8142, 40.4482, 40.1632



38.4388, 40.4482, 50.5356



40.1229, 40.4482, 48.1612

Sweetspot

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



38.4519, 40.4500, 38.1294



73.2658, 77.0984, 80.5602



36.8327, 36.3648, 40.2003



15.7904, 16.6168, 17.1727



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.



38.4519, 40.4500, 38.1294



68.8074, 72.3600, 66.1926



38.9310, 42.4040, 38.4813



8.9538, 9.4201, 8.9989



17.8911, 16.2807, 2.1995



0.6139, 0.6141, 0.0862

Inverse Universe

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



35.2124, 36.9540, 46.3517



61.8869, 64.8916, 83.7589



34.7619, 35.1660, 46.0303



8.2656, 8.6774, 10.7456



6.9323, 4.6650, 30.6721



0.2731, 0.2568, 0.9834

Previews

White Background



This preview shows how the XYZ color 38.4508, 40.4482, 38.1285 looks on a white background.

Color Contrast Check

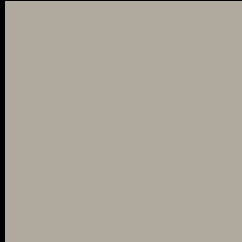
Large Text (above 18pt) WCAG AA × Fail

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 38.4508, 40.4482, 38.1285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

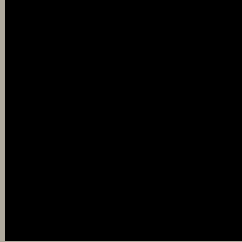
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.4508, 40.4482, 38.1285

Background



This preview shows how black text looks on a background with the XYZ color 38.4508, 40.4482, 38.1285.



This preview shows how white text looks on a background with the XYZ color 38.4508, 40.4482,

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

38.4508, 40.4482, 38.1285

Protanopia

38.4508, 40.4482, 38.1285

Deuteranopia

41.1990, 40.4898, 38.4448



Tritanopia

40.6473, 40.5164, 48.8581

Trichromacy



Original Color

38.4508, 40.4482, 38.1285

Protanomaly

38.4508, 40.4482, 38.1285

Deuteranomaly

40.3264, 40.5797, 38.5081

Tritanomaly

39.8091, 40.4488, 44.7390

Monochromacy



Original Color

38.4508, 40.4482, 38.1285

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.2709, 40.2733, 41.8328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4508, 40.4482, 38.1285 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, 170, 158)` looks like.

```
.text, #text, p{  
    color:rgb(176, 170, 158)  
}
```

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, 170, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 170, 158) }
```

Border

The CSS property to change the border of an element to XYZ 38.4508, 40.4482, 38.1285 is called "border". The border property can be set on classes, ids or directly on the HTML element.

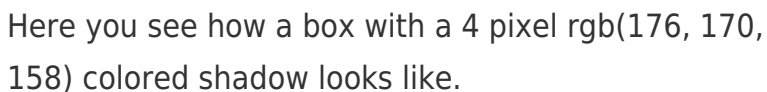
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 170, 158) }
```


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

```
.border{ border-color:rgb(176, 170, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 170, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 170, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 170, 158); box-shadow:4px 4px 4px 4px rgb(176, 170, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4508, 40.4482, 38.1285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 170, 158) }
```

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

```
.background{ background-color: rgb(176,  
170, 158) }
```

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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