

Converting Colors

XYZ(37.0810, 38.4224, 37.9338)

Have a look what the booklet for
XYZ(37.0810, 38.4224, 37.9338)
contains.

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Color

**XYZ(37.0822, 38.3776,
37.8009)**

Conversions

Conversions Part 1

Format	Color
Hex	AEA59E
RGB	174, 165, 158
RGB Percent	68%, 65%, 62%
CMY	0.3176, 0.3529, 0.3804
CMYK	0.00, 0.05, 0.09, 0.32
HSL	26°, 9%, 65%
HSV	26°, 9%, 68%
XYZ	37.0822, 38.3776, 37.8009
YIQ	166.8930, 7.6110, -0.2690

Conversions

Conversions Part 2

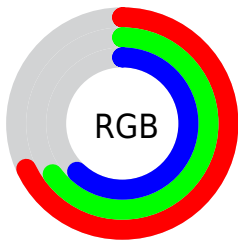
Format	Color
RYB	174, 170, 158
Decimal	11445662
CIELab	68.30, 2.00, 4.78
CIELCh	68, 5.178, 67.287
Yxy	38.3776, 0.3274, 0.3388
Android (android.graphics.Color)	4289635742 (0xFFAEA59E)
YUV	166.8930, -4.3842, 6.2328
Hunter-Lab	61.9497, -1.5643, 7.1867

Details

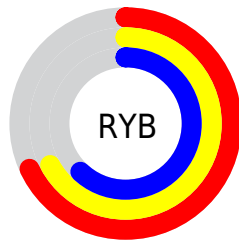
The XYZ color **37.0822, 38.3776, 37.8009** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.5590, 37.9616, 45.4978**, and the grayscale version is **36.6975, 38.6086, 42.0448**.

A 20% lighter version of the original color is **70.2366, 72.8135, 73.3033**, and **16.5850, 17.0094, 16.3189** is the 20% darker color. If you saturate the color by 10%, you get **33.9919, 34.4263, 29.8973**, and if you desaturate by 10%, it is **40.5217, 42.6872, 46.8681**.

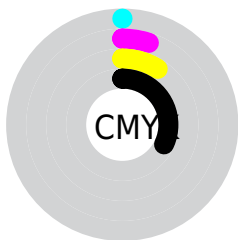
Distribution



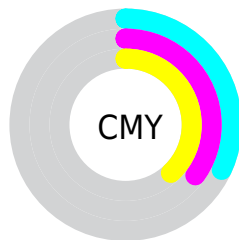
- Red (68%)
- Green (65%)
- Blue (62%)



- Red (68%)
- Yellow (67%)
- Blue (62%)



- Cyan (0%)
- Magenta (5%)
- Yellow (9%)
- Black (32%)



- Cyan (32%)
- Magenta (35%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.0822, 38.3776, 37.8009 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 37.0822, 38.3776, 37.8009 by changing the saturation by 10% instead.

■ 37.0822, 38.3776,
37.8009

■ 37.0822, 38.3776,
37.8009

325.0156,
339.2370, 352.0377

■ 25.4451, 26.2759,
25.5276

■ 70.0122, 72.6865,
73.0029

■ 16.5395, 17.0301,
16.2480

■ 92.0358, 95.6625,
96.7687

■ 10.0000, 10.2560,
9.5435

118.2523,
123.0321, 125.2023

■ 5.4612, 5.5690,
4.9957

149.0271,
155.1796, 158.7223

■ 2.5578, 2.5848,
2.1861

184.7254,
192.4895, 197.7474

■ 0.9245, 0.9190,
0.6663

225.7127,

■ 0.0000, 0.0000,

235.3460, 242.6959

0.0000

272.3543,
284.1338, 293.9865

■ 37.0822, 38.3776,
37.8009

■ 37.0822, 38.3776,
37.8009

■ 33.9919, 34.4263,
29.8973

■ 40.5217, 42.6872,
46.8681

■ 31.2358, 30.8186,
23.1072

■ 44.3186, 47.3590,
57.1413

■ 28.8023, 27.5462,
17.3804

■ 48.4845, 52.4037,
68.6639

■ 26.6781, 24.5986,
12.6618

■ 53.0298, 57.8297,
81.4762

■ 24.8484, 21.9645,
8.8913

■ 57.9642, 63.6451,
95.6170

■ 23.2975, 19.6320,
6.0025

■ 62.0823, 69.3719,
104.7258

■ 22.0076, 17.5883,
3.9201

■ 64.7832, 74.7739,
105.6261

■ 20.9584, 15.8188,
2.5559

■ 67.6379, 80.4833,
106.5777

■ 20.1139, 14.3029,
1.7408

■ 70.6487, 86.5048,
107.5813

Harmonies

Analogous

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



37.7316, 38.3776, 39.1391



37.0822, 38.3776, 37.8009



36.2793, 38.3776, 37.5114

Triad

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



37.0822, 38.3776, 37.8009



34.9517, 38.3776, 42.3557



37.4296, 38.3776, 45.4416

Complementary

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



37.0822, 38.3776, 37.8009



35.5590, 37.9616, 45.4978

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.



36.6749, 38.3776, 46.3750



37.0822, 38.3776, 37.8009



35.2501, 38.3776, 44.5510

Square

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



37.0822, 38.3776, 37.8009



35.0571, 38.3776, 40.0859



35.8779, 38.3776, 46.0432



37.9342, 38.3776, 43.5349

Rectangle

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



37.0822, 38.3776, 37.8009



35.7665, 38.3776, 37.9419



35.8779, 38.3776, 46.0432



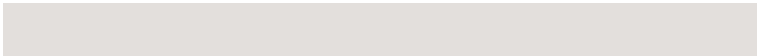
37.1963, 38.3776, 45.8828

Sweetspot

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



37.0833, 38.3793, 37.8017



71.0200, 74.3380, 78.4140



36.6640, 36.2454, 41.6556



15.6734, 16.3829, 17.1337



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.



37.0833, 38.3793, 37.8017



66.0942, 68.1312, 65.5352



38.5582, 41.3291, 38.2934



8.2829, 8.5706, 8.4311



14.6005, 10.4065, 1.2391



0.4612, 0.3996, 0.0528

Inverse Universe

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



35.5590, 37.9616, 45.4978



62.7730, 67.2210, 82.3033



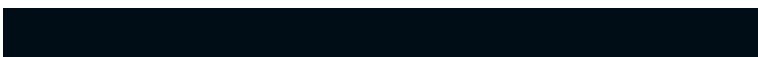
34.1506, 35.1448, 45.0283



7.9384, 8.4762, 10.1704



8.7579, 8.6497, 30.2525



0.2969, 0.3471, 0.8593

Previews

White Background



This preview shows how the XYZ color 37.0822, 38.3776, 37.8009 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 37.0822, 38.3776, 37.8009 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

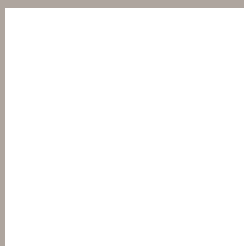
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.0822, 38.3776, 37.8009

Background



This preview shows how black text looks on a background with the XYZ color 37.0822, 38.3776, 37.8009.



This preview shows how white text looks on a background with the XYZ color 37.0822, 38.3776,

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

37.0822, 38.3776, 37.8009

Protanopia

36.6024, 38.3990, 37.8303

Deuteranopia

39.0105, 38.3072, 38.1388



Tritanopia

38.5627, 38.1659, 45.8917

Trichromacy



Original Color

37.0822, 38.3776, 37.8009

Protanomaly

36.8210, 38.5117, 37.8406

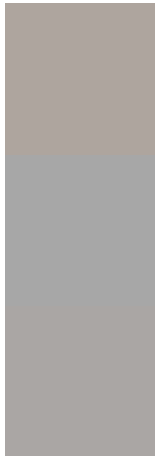
Deuteranomaly

38.2344, 38.1676, 38.1528

Tritanomaly

37.9378, 38.1729, 42.9047

Monochromacy



Original Color

37.0822, 38.3776, 37.8009

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.9146, 38.4988, 40.6074

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0822, 38.3776, 37.8009 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(174, 165, 158)` looks like.

```
.text, #text, p{  
    color:rgb(174, 165, 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(174, 165, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 165, 158) }
```

Border

The CSS property to change the border of an element to XYZ 37.0822, 38.3776, 37.8009 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(174, 165, 158) }
```


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

```
.border{ border-color:rgb(174, 165, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 165, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 165, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 165, 158);  
box-shadow:4px 4px 4px 4px rgb(174, 165,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0822, 38.3776, 37.8009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 165, 158) }
```

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

```
.background{ background-color: rgb(174,  
165, 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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