

Converting Colors

XYZ(37.8695, 38.9234, 40.9814)

Have a look what the booklet for
XYZ(37.8695, 38.9234, 40.9814)
contains.

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Color

**XYZ(37.8833, 38.9877,
41.1260)**

Conversions

Conversions Part 1

Format	Color
Hex	AEA6A5
RGB	174, 166, 165
RGB Percent	68%, 65%, 65%
CMY	0.3176, 0.3490, 0.3529
CMYK	0.00, 0.05, 0.05, 0.32
HSL	7°, 5%, 66%
HSV	7°, 5%, 68%
XYZ	37.8833, 38.9877, 41.1260
YIQ	168.2780, 5.0890, 1.3850

Conversions

Conversions Part 2

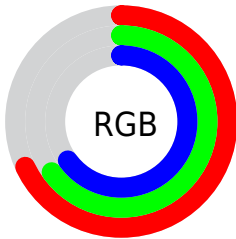
Format	Color
RYB	174, 166, 165
Decimal	11445925
CIELab	68.74, 2.70, 1.54
CIElCh	69, 3.103, 29.673
Yxy	38.9877, 0.3211, 0.3304
Android (android.graphics.Color)	4289636005 (0xFFAEA6A5)
YUV	168.2780, -1.6161, 5.0182
Hunter-Lab	62.4401, -0.9718, 4.6569

Details

The XYZ color **37.8833, 38.9877, 41.1260** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.1005, 40.9418, 45.9394**, and the grayscale version is **37.3629, 39.3086, 42.8071**.

A 20% lighter version of the original color is **71.0878, 73.5382, 78.1577**, and **17.0240, 17.3645, 18.0772** is the 20% darker color. If you saturate the color by 10%, you get **33.7628, 33.1108, 32.4632**, and if you desaturate by 10%, it is **42.5594, 45.6300, 51.0380**.

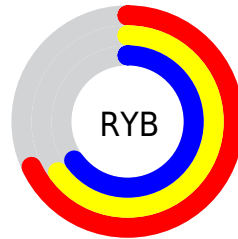
Distribution



Red (68%)

Green (65%)

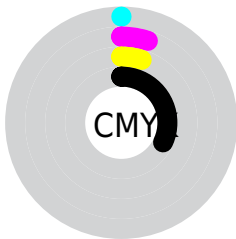
Blue (65%)



Red (68%)

Yellow (65%)

Blue (65%)

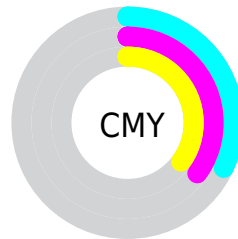


Cyan (0%)

Magenta (5%)

Yellow (5%)

Black (32%)



Cyan (32%)

Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.8833, 38.9877, 41.1260 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 37.8833, 38.9877, 41.1260 by changing the saturation by 10% instead.

■ 37.8833, 38.9877,
41.1260

■ 37.8833, 38.9877,
41.1260

328.4086,
341.8382, 366.5392

■ 26.0689, 26.7502,
28.0971

■ 71.2343, 73.6195,
78.1309

■ 17.0082, 17.3857,
18.1592

■ 93.5016, 96.7826,
102.9439

■ 10.3357, 10.5098,
10.8937

119.9840,
124.3563, 132.5221

■ 5.6860, 5.7383,
5.8821

151.0467,
156.7251, 167.2840

■ 2.6940, 2.6866,
2.7059

187.0552,
194.2732, 207.6481

■ 0.9941, 0.9704,
0.9464

228.3748,

■ 0.0000, 0.0000,

237.3852, 254.0330

0.0000

275.3708,
286.4454, 306.8572

■ 37.8833, 38.9877,
41.1260

■ 37.8833, 38.9877,
41.1260

■ 33.7628, 33.1108,
32.4632

■ 42.5594, 45.6300,
51.0380

■ 30.1740, 27.9669,
24.9977

■ 47.8073, 53.0585,
62.2435

■ 27.0963, 23.5287,
18.6774

■ 53.6467, 61.2996,
74.7876

■ 24.5061, 19.7653,
13.4457

■ 60.0952, 70.3769,
88.7125

■ 22.3784, 16.6438,
9.2409

■ 67.1697, 80.3131,
104.0586

■ 20.6856, 14.1280,
5.9954

■ 71.2658, 87.7388,
107.7869

■ 19.3974, 12.1785,
3.6332

■ 18.4793, 10.7510,
2.0668

■ 17.8905, 9.7945,
1.1888

Harmonies

Analogous

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



38.0091, 38.9877, 42.4664



37.8833, 38.9877, 41.1260



37.5356, 38.9877, 40.1588

Triad

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



37.8833, 38.9877, 41.1260



36.2474, 38.9877, 41.0998



37.0512, 38.9877, 45.2136

Complementary

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



37.8833, 38.9877, 41.1260



38.1005, 40.9418, 45.9394

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.



36.5818, 38.9877, 44.8287



37.8833, 38.9877, 41.1260



36.1202, 38.9877, 42.4355

Square

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



37.8833, 38.9877, 41.1260



36.5911, 38.9877, 40.1440



36.2421, 38.9877, 43.8041



37.5262, 38.9877, 44.8447

Rectangle

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



37.8833, 38.9877, 41.1260



37.2262, 38.9877, 39.8452



36.2421, 38.9877, 43.8041



36.8876, 38.9877, 45.1679

Sweetspot

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



37.8844, 38.9894, 41.1268



71.2682, 74.3497, 79.9911



38.4637, 38.9305, 45.0735



15.8603, 16.5537, 17.8217



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.



37.8844, 38.9894, 41.1268



67.9778, 69.6686, 73.0372



38.6974, 40.6155, 41.3979



8.3392, 8.5310, 8.9194



12.8575, 6.9205, 0.6581



0.3800, 0.2371, 0.0257

Inverse Universe

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



38.1005, 40.9418, 45.9394



68.4378, 73.8238, 83.2792



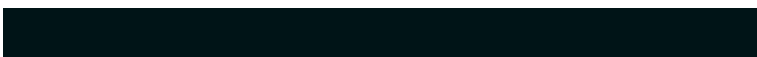
37.2712, 39.2832, 45.6629



8.3995, 9.0756, 10.2618



14.0226, 19.1790, 32.0074



0.4113, 0.5759, 0.8975

Previews

White Background



This preview shows how the XYZ color 37.8833, 38.9877, 41.1260 looks on a white background.

Color Contrast Check

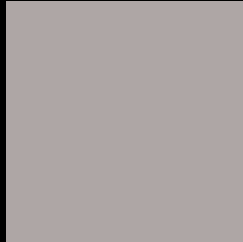
Large Text (above 18pt) WCAG AA × Fail

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 37.8833, 38.9877, 41.1260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

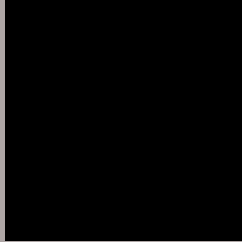
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.8833, 38.9877, 41.1260

Background



This preview shows how black text looks on a background with the XYZ color 37.8833, 38.9877, 41.1260.



This preview shows how white text looks on a background with the XYZ color 37.8833, 38.9877,

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

37.8833, 38.9877, 41.1260

Protanopia

37.4962, 39.0485, 41.6372

Deuteranopia

39.8108, 38.9081, 41.4882



Tritanopia

39.1158, 38.9554, 47.0525

Trichromacy



Original Color

37.8833, 38.9877, 41.1260

Protanomaly

37.7149, 39.1613, 41.6475

Deuteranomaly

39.0362, 38.7713, 41.5026

Tritanomaly

38.6772, 39.0414, 45.0324

Monochromacy



Original Color

37.8833, 38.9877, 41.1260

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.3713, 38.9735, 42.1122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.8833, 38.9877, 41.1260 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, 166, 165) looks like.

```
.text, #text, p{  
    color:rgb(174, 166, 165)  
}
```

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, 166, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 166, 165) }
```

Border

The CSS property to change the border of an element to XYZ 37.8833, 38.9877, 41.1260 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, 166, 165) }
```


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

```
.border{ border-color:rgb(174, 166, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 166, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 166, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 166, 165);  
box-shadow:4px 4px 4px 4px rgb(174, 166,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 37.8833, 38.9877, 41.1260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 166, 165) }
```

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

```
.background{ background-color: rgb(174,  
166, 165) }
```

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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