

Converting Colors

XYZ(39.2837, 41.7708, 36.1291)

Have a look what the booklet for
XYZ(39.2837, 41.7708, 36.1291)
contains.

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Color

**XYZ(39.2837, 41.7708,
36.1291)**

Conversions

Conversions Part 1

Format	Color
Hex	B3AD99
RGB	179, 173, 153
RGB Percent	70%, 68%, 60%
CMY	0.2980, 0.3216, 0.4000
CMYK	0.00, 0.03, 0.15, 0.30
HSL	46°, 15%, 65%
HSV	46°, 15%, 70%
XYZ	39.2837, 41.7708, 36.1291
YIQ	172.5140, 9.9960, -4.9480

Conversions

Conversions Part 2

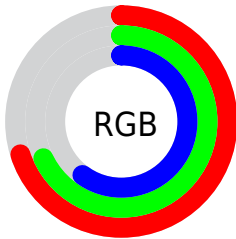
Format	Color
RYB	161, 179, 153
Decimal	11775385
CIELab	70.71, -1.32, 11.04
CIElCh	71, 11.121, 96.801
Yxy	41.7708, 0.3352, 0.3565
Android (android.graphics.Color)	4289965465 (0xFFB3AD99)
YUV	172.5140, -9.6204, 5.6882
Hunter-Lab	64.6303, -4.6070, 12.0974

Details

The XYZ color **39.2837, 41.7708, 36.1291** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.6714, 34.8223, 47.5947**, and the grayscale version is **39.5179, 41.5759, 45.2762**.

A 20% lighter version of the original color is **73.2668, 77.6540, 70.1586**, and **17.8398, 19.0697, 15.3109** is the 20% darker color. If you saturate the color by 10%, you get **37.1358, 39.6660, 28.6581**, and if you desaturate by 10%, it is **41.6801, 44.0169, 44.7782**.

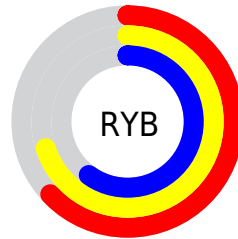
Distribution



Red (70%)

Green (68%)

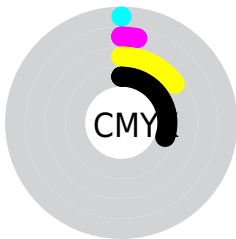
Blue (60%)



Red (63%)

Yellow (70%)

Blue (60%)

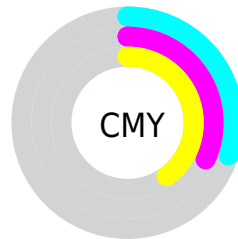


Cyan (0%)

Magenta (3%)

Yellow (15%)

Black (30%)



Cyan (30%)

Magenta (32%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2837, 41.7708, 36.1291 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 39.2837, 41.7708, 36.1291 by changing the saturation by 10% instead.

■ 39.2837, 41.7708,
36.1291

■ 39.2837, 41.7708,
36.1291

334.2816,
353.5319, 344.5789

■ 27.1622, 28.9219,
24.2434

■ 73.3628, 77.8526,
70.4026

■ 17.8323, 19.0217,
15.3004

■ 96.0512, 101.8543,
93.6275

■ 10.9286, 11.6860,
8.8815

122.9925,
130.3423, 121.4692

■ 6.0858, 6.5302,
4.5682

154.5522,
163.7012, 154.3462

■ 2.9385, 3.1701,
1.9420

191.0956,
202.3151, 192.6772

■ 1.1213, 1.2212,
0.5192

232.9880,

■ 0.0428, 0.0789,

246.5686, 236.8806

0.0000

280.5949,
296.8461, 287.3750

■ 0.0000, 0.0000,
0.0000

■ 39.2837, 41.7708,
36.1291

■ 39.2837, 41.7708,
36.1291

■ 37.1358, 39.6660,
28.6581

■ 41.6801, 44.0169,
44.7782

■ 35.2231, 37.6926,
22.3107

■ 44.3311, 46.4030,
54.6514

■ 33.5358, 35.8479,
17.0319

■ 47.2468, 48.9348,
65.7955

■ 32.0622, 34.1267,
12.7610

■ 50.4356, 51.6159,
78.2541

■ 30.7894, 32.5235,
9.4313

■ 53.9056, 54.4500,
92.0687

■ 29.7030, 31.0323,
6.9681

■ 56.7825, 57.0877,
102.6340

■ 28.7864, 29.6459,
5.2850

■ 57.7375, 58.9978,
102.9524

■ 28.0196, 28.3561,
4.2779

■ 58.7184, 60.9597,
103.2793

■ 27.6390, 27.6809,
3.8862

■ 59.7255, 62.9738,
103.6150

Harmonies

Analogous

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



41.1144, 41.7708, 36.7756



39.2837, 41.7708, 36.1291



37.6165, 41.7708, 37.8287

Triad

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



39.2837, 41.7708, 36.1291



36.9312, 41.7708, 51.8363



43.0492, 41.7708, 49.5979

Complementary

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



39.2837, 41.7708, 36.1291



33.6714, 34.8223, 47.5947

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.



41.8629, 41.7708, 54.1021



39.2837, 41.7708, 36.1291



38.3221, 41.7708, 55.4627

Square

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



39.2837, 41.7708, 36.1291



36.2858, 41.7708, 46.6938



40.1230, 41.7708, 56.3223



43.3259, 41.7708, 44.2900

Rectangle

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



39.2837, 41.7708, 36.1291



36.8096, 41.7708, 40.1471



40.1230, 41.7708, 56.3223



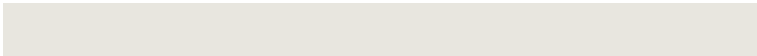
42.7418, 41.7708, 51.2682

Sweetspot

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



39.2848, 41.7726, 36.1300



74.8546, 79.0227, 80.9558



36.2458, 34.8722, 37.6524



16.5091, 17.4387, 17.6607



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.



39.2848, 41.7726, 36.1300



69.2513, 73.7469, 60.8039



38.8980, 43.3185, 36.4488



9.0276, 9.5677, 9.0235



19.5820, 19.6627, 2.7632



0.6568, 0.7001, 0.1005

Inverse Universe

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



33.6714, 34.8223, 47.5947



57.5133, 59.2139, 84.7793



34.0123, 33.5044, 47.3223



8.1957, 8.5377, 10.7223



6.3592, 3.5187, 30.4810



0.2447, 0.2000, 0.9739

Previews

White Background



This preview shows how the XYZ color 39.2837, 41.7708, 36.1291 looks on a white background.

Color Contrast Check

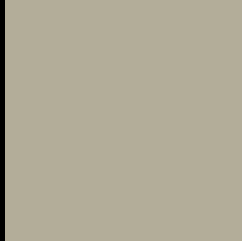
Large Text (above 18pt) WCAG AA × Fail

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 39.2837, 41.7708, 36.1291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

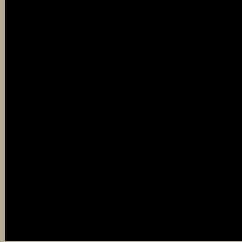
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.2837, 41.7708, 36.1291

Background



This preview shows how black text looks on a background with the XYZ color 39.2837, 41.7708, 36.1291.



This preview shows how white text looks on a background with the XYZ color 39.2837, 41.7708,

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

39.2837, 41.7708, 36.1291

Protanopia

39.5583, 41.6287, 36.0872

Deuteranopia

42.4164, 41.7063, 36.3864



Tritanopia

42.1599, 41.8206, 50.1061

Trichromacy



Original Color

39.2837, 41.7708, 36.1291

Protanomaly

39.3247, 41.5083, 36.0763

Deuteranomaly

41.2559, 41.6562, 36.4379

Tritanomaly

41.0168, 41.6348, 44.4026

Monochromacy



Original Color

39.2837, 41.7708, 36.1291

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.5057, 41.7543, 42.0536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2837, 41.7708, 36.1291 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, 173, 153)` looks like.

```
.text, #text, p{  
    color:rgb(179, 173, 153)  
}
```

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, 173, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 173, 153) }
```

Border

The CSS property to change the border of an element to XYZ 39.2837, 41.7708, 36.1291 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, 173, 153) }
```


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

```
.border{ border-color:rgb(179, 173, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 173, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 173, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 173, 153);  
box-shadow:4px 4px 4px 4px rgb(179, 173,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2837, 41.7708, 36.1291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 173, 153) }
```

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

```
.background{ background-color: rgb(179,  
173, 153) }
```

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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