

Converting Colors

XYZ(38.2137, 39.9732, 28.9941)

Have a look what the booklet for
XYZ(38.2137, 39.9732, 28.9941)
contains.

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Color

**XYZ(38.2137, 39.9732,
28.9941)**

Conversions

Conversions Part 1

Format	Color
Hex	B8A888
RGB	184, 168, 136
RGB Percent	72%, 66%, 53%
CMY	0.2784, 0.3412, 0.4667
CMYK	0.00, 0.09, 0.26, 0.28
HSL	40°, 25%, 63%
HSV	40°, 26%, 72%
XYZ	38.2137, 39.9732, 28.9941
YIQ	169.1360, 19.8080, -6.5600

Conversions

Conversions Part 2

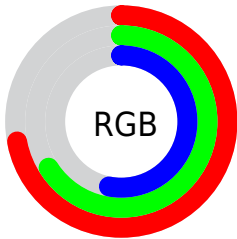
Format	Color
RYB	160, 184, 136
Decimal	12101768
CIELab	69.45, 0.71, 18.66
CIELCh	69, 18.671, 87.818
Yxy	39.9732, 0.3565, 0.3730
Android (android.graphics.Color)	4290291848 (0xFFB8A888)
YUV	169.1360, -16.3360, 13.0357
Hunter-Lab	63.2244, -2.7547, 17.0672

Details

The XYZ color **38.2137, 39.9732, 28.9941** is a light color, and the websafe version is hex **999966**. A complement of this color would be **30.0330, 31.1505, 49.7772**, and the grayscale version is **37.8517, 39.8229, 43.3672**.

A 20% lighter version of the original color is **71.5082, 74.9747, 58.8468**, and **17.1310, 17.9085, 11.3579** is the 20% darker color. If you saturate the color by 10%, you get **35.9115, 37.2849, 22.3196**, and if you desaturate by 10%, it is **40.7959, 42.8617, 36.8705**.

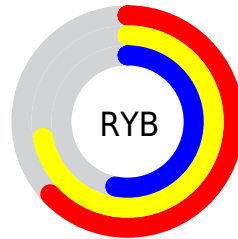
Distribution



Red (72%)

Green (66%)

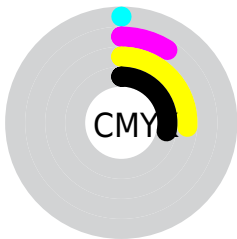
Blue (53%)



Red (63%)

Yellow (72%)

Blue (53%)

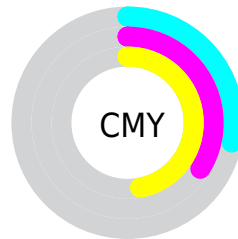


Cyan (0%)

Magenta (9%)

Yellow (26%)

Black (28%)



Cyan (28%)

Magenta (34%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.2137, 39.9732, 28.9941 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 38.2137, 39.9732, 28.9941 by changing the saturation by 10% instead.

■ 38.2137, 39.9732,
28.9941

■ 38.2137, 39.9732,
28.9941

329.8008,
346.0106, 311.2472

■ 26.3266, 27.5176,
18.8308

■ 71.7374, 75.1227,
59.1098

■ 17.2021, 17.9624,
11.3725

■ 94.1046, 98.5854,
79.8993

■ 10.4749, 10.9230,
6.2007

■ 120.6959,
126.4860, 105.0679

■ 5.7796, 6.0151,
2.8967

151.8766,
159.2089, 135.0342

■ 2.7509, 2.8542,
1.0421

188.0121,
197.1384, 170.2168

■ 1.0234, 1.0561,
0.0000

229.4677,

■ 0.0000, 0.0000,

240.6589, 211.0341

0.0000

276.6088,
290.1548, 257.9047

■ 38.2137, 39.9732,
28.9941

■ 38.2137, 39.9732,
28.9941

■ 35.9115, 37.2849,
22.3196

■ 40.7959, 42.8617,
36.8705

■ 33.8741, 34.7853,
16.7838

■ 43.6663, 45.9507,
46.0025

■ 32.0891, 32.4698,
12.3216

■ 46.8366, 49.2474,
56.4437

■ 30.5421, 30.3313,
8.8602

■ 50.3170, 52.7568,
68.2439

■ 29.2168, 28.3621,
6.3176

■ 54.1170, 56.4840,
81.4501

■ 28.0944, 26.5535,
4.5987

■ 58.2458, 60.4335,
96.1072

■ 27.1507, 24.8944,
3.5809

■ 61.0932, 63.9625,
103.7338

■ 26.8109, 24.2778,
3.2730

■ 62.6451, 67.0662,
104.2511

■ 64.2557, 70.2874,
104.7879

Harmonies

Analogous

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



41.1545, 39.9732, 30.9673



38.2137, 39.9732, 28.9941



35.3602, 39.9732, 30.4679

Triad

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



38.2137, 39.9732, 28.9941



33.1088, 39.9732, 51.7120



43.0964, 39.9732, 52.9456

Complementary

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



38.2137, 39.9732, 28.9941



30.0330, 31.1505, 49.7772

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.



40.7540, 39.9732, 59.8609



38.2137, 39.9732, 28.9941



34.9983, 39.9732, 59.0852

Square

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



38.2137, 39.9732, 28.9941



32.5071, 39.9732, 42.8971



37.7738, 39.9732, 62.2421



44.0645, 39.9732, 44.1570

Rectangle

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



38.2137, 39.9732, 28.9941



33.8706, 39.9732, 33.3313



37.7738, 39.9732, 62.2421



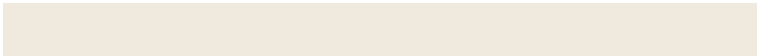
42.4377, 39.9732, 55.6078

Sweetspot

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



38.2147, 39.9750, 28.9949



78.0479, 82.1213, 79.8120



34.2391, 30.0661, 33.7050



16.6533, 17.5198, 16.6537



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



38.2147, 39.9750, 28.9949



66.9453, 69.7728, 45.7243



39.4891, 45.2888, 29.9534



9.4912, 9.9854, 9.5340



18.5449, 16.8662, 2.2781



0.7081, 0.7033, 0.0984

Inverse Universe

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



30.0330, 31.1505, 49.7772



49.7297, 51.2093, 89.4679



28.9579, 26.9989, 49.0325



8.7591, 9.1954, 11.3927



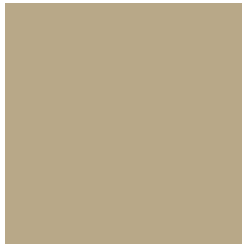
7.1834, 4.8265, 31.8061



0.3117, 0.2870, 1.1407

Previews

White Background



This preview shows how the XYZ color 38.2137, 39.9732, 28.9941 looks on a white background.

Color Contrast Check

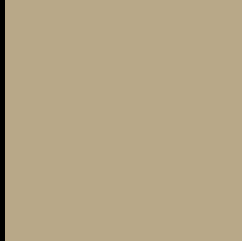
Large Text (above 18pt) WCAG AA × Fail

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 38.2137, 39.9732, 28.9941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

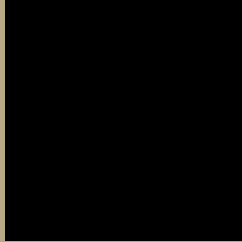
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.2137, 39.9732, 28.9941

Background



This preview shows how black text looks on a background with the XYZ color 38.2137, 39.9732, 28.9941.



This preview shows how white text looks on a background with the XYZ color 38.2137, 39.9732,

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

38.2137, 39.9732, 28.9941

Protanopia

37.5257, 39.8854, 29.3877

Deuteranopia

40.6385, 39.8708, 29.2209



Tritanopia

41.8213, 40.1083, 46.0949

Trichromacy



Original Color

38.2137, 39.9732, 28.9941

Protanomaly

37.7594, 40.0058, 29.3987

Deuteranomaly

39.7087, 39.9229, 29.2799

Tritanomaly

40.3817, 40.0483, 39.3200

Monochromacy



Original Color

38.2137, 39.9732, 28.9941

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.7293, 39.8089, 37.5936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2137, 39.9732, 28.9941 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(184, 168, 136)` looks like.

```
.text, #text, p{  
    color:rgb(184, 168, 136)  
}
```

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(184, 168, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 168, 136) }
```

Border

The CSS property to change the border of an element to XYZ 38.2137, 39.9732, 28.9941 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(184, 168, 136) }
```


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

```
.border{ border-color:rgb(184, 168, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 168, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 168, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 168, 136);  
box-shadow:4px 4px 4px 4px rgb(184, 168,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2137, 39.9732, 28.9941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 168, 136) }
```

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

```
.background{ background-color: rgb(184,  
168, 136) }
```

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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