

Converting Colors

XYZ(38.2196, 39.4834, 28.9898)

Have a look what the booklet for
XYZ(38.2196, 39.4834, 28.9898)
contains.

XYZ(38.0877, 39.3643, 28.8832)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(38.0877, 39.3643,
28.8832)**

Conversions

Conversions Part 1

Format	Color
Hex	B9A688
RGB	185, 166, 136
RGB Percent	73%, 65%, 53%
CMY	0.2745, 0.3490, 0.4667
CMYK	0.00, 0.10, 0.26, 0.27
HSL	37°, 26%, 63%
HSV	37°, 26%, 73%
XYZ	38.0877, 39.3643, 28.8832
YIQ	168.2610, 20.9540, -5.3020

Conversions

Conversions Part 2

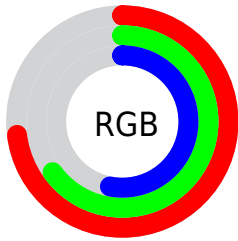
Format	Color
RYB	167, 185, 136
Decimal	12166792
CIELab	69.01, 2.18, 18.07
CIELCh	69, 18.202, 83.107
Yxy	39.3643, 0.3582, 0.3702
Android (android.graphics.Color)	4290356872 (0xFFB9A688)
YUV	168.2610, -15.9047, 14.6801
Hunter-Lab	62.7410, -1.4360, 16.6242

Details

The XYZ color **38.0877, 39.3643, 28.8832** is a light color, and the websafe version is hex **999966**. A complement of this color would be **30.6313, 32.1788, 50.4957**, and the grayscale version is **37.4170, 39.3656, 42.8692**.

A 20% lighter version of the original color is **71.6597, 74.2643, 58.7017**, and **17.0571, 17.5318, 11.2891** is the 20% darker color. If you saturate the color by 10%, you get **35.6175, 36.3493, 22.1235**, and if you desaturate by 10%, it is **40.8597, 42.6191, 36.8641**.

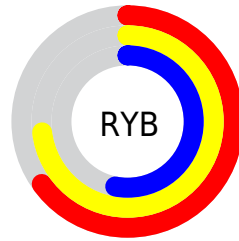
Distribution



Red (73%)

Green (65%)

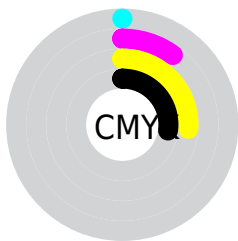
Blue (53%)



Red (65%)

Yellow (73%)

Blue (53%)

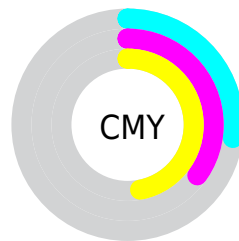


Cyan (0%)

Magenta (10%)

Yellow (26%)

Black (27%)



Cyan (27%)

Magenta (35%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.0877, 39.3643, 28.8832 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 38.0877, 39.3643, 28.8832 by changing the saturation by 10% instead.

■ 38.0877, 39.3643,
28.8832

■ 38.0877, 39.3643,
28.8832

329.2704,
343.4369, 310.7071

■ 26.2283, 27.0432,
18.7477

■ 71.5456, 74.1945,
58.9314

■ 17.1281, 17.6057,
11.3131

■ 93.8747, 97.4725,
79.6812

■ 10.4217, 10.6673,
6.1610

■ 120.4245,
125.1715, 104.8061

■ 5.7439, 5.8436,
2.8729

151.5603,
157.6760, 134.7248

■ 2.7291, 2.7502,
1.0301

187.6474,
195.3704, 169.8557

■ 1.0122, 1.0028,
0.0000

229.0512,

■ 0.0000, 0.0000,

238.6391, 210.6173

0.0000

276.1371,
287.8665, 257.4283

■ 38.0877, 39.3643,
28.8832

■ 38.0877, 39.3643,
28.8832

■ 35.6175, 36.3493,
22.1235

■ 40.8597, 42.6191,
36.8641

■ 33.4331, 33.5618,
16.5207

■ 43.9423, 46.1149,
46.1210

■ 31.5217, 30.9959,
12.0084

■ 47.3478, 49.8599,
56.7085

■ 29.8680, 28.6438,
8.5122

■ 51.0869, 53.8600,
68.6772

■ 28.4549, 26.4964,
5.9486

■ 55.1696, 58.1210,
82.0751

■ 27.2627, 24.5438,
4.2203

■ 59.6057, 62.6485,
96.9477

■ 26.2658, 22.7736,
3.1981

■ 62.6668, 66.7527,
104.1894

■ 25.9441, 22.1874,
2.9152

■ 64.5469, 70.5129,
104.8161

■ 66.5082, 74.4356,
105.4699

Harmonies

Analogous

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



40.8623, 39.3643, 31.3174



38.0877, 39.3643, 28.8832



35.2690, 39.3643, 29.7884

Triad

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



38.0877, 39.3643, 28.8832



32.5173, 39.3643, 49.4377



42.0529, 39.3643, 53.1788

Complementary

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



38.0877, 39.3643, 28.8832



30.6313, 32.1788, 50.4957

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.



39.6455, 39.3643, 59.2884



38.0877, 39.3643, 28.8832



34.1664, 39.3643, 56.9411

Square

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



38.0877, 39.3643, 28.8832



32.1481, 39.3643, 40.9731



36.7495, 39.3643, 60.7473



43.2270, 39.3643, 44.8060

Rectangle

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



38.0877, 39.3643, 28.8832



33.7325, 39.3643, 32.2287



36.7495, 39.3643, 60.7473



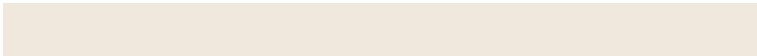
41.3553, 39.3643, 55.6071

Sweetspot

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



38.0887, 39.3661, 28.8840



77.7528, 81.5310, 79.7136



34.7790, 30.3098, 35.2929



16.5785, 17.3702, 16.6287



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.



38.0887, 39.3661, 28.8840



65.4817, 67.1925, 44.1666



40.6387, 46.1909, 30.0669



9.4499, 9.9028, 9.5203



17.7380, 15.2523, 2.0091



0.6834, 0.6540, 0.0902

Inverse Universe

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



30.6313, 32.1788, 50.4957



49.7978, 52.0810, 89.6326



28.5291, 26.7656, 49.5616



8.7990, 9.2751, 11.4060



7.5944, 5.6485, 31.9431



0.3284, 0.3205, 1.1463

Previews

White Background



This preview shows how the XYZ color 38.0877, 39.3643, 28.8832 looks on a white background.

Color Contrast Check

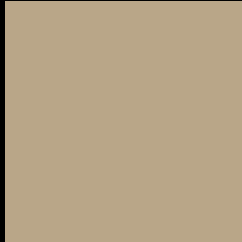
Large Text (above 18pt) WCAG AA × Fail

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 38.0877, 39.3643, 28.8832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

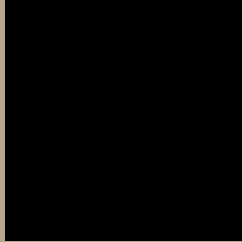
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.0877, 39.3643, 28.8832

Background



This preview shows how black text looks on a background with the XYZ color 38.0877, 39.3643, 28.8832.



This preview shows how white text looks on a background with the XYZ color 38.0877, 39.3643,

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

38.0877, 39.3643, 28.8832

Protanopia

37.1084, 39.3951, 29.3151

Deuteranopia

40.2006, 39.3826, 29.1497



Tritanopia

41.2740, 39.3257, 44.9504

Trichromacy



Original Color

38.0877, 39.3643, 28.8832

Protanomaly

37.3901, 39.2673, 29.2756

Deuteranomaly

39.3508, 39.2070, 29.1606

Tritanomaly

40.1814, 39.4238, 38.7495

Monochromacy



Original Color

38.0877, 39.3643, 28.8832

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.2750, 39.0364, 37.0227

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0877, 39.3643, 28.8832 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(185, 166, 136)` looks like.

```
.text, #text, p{  
    color:rgb(185, 166, 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(185, 166, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 166, 136) }
```

Border

The CSS property to change the border of an element to XYZ 38.0877, 39.3643, 28.8832 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(185, 166, 136) }
```


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

```
.border{ border-color:rgb(185, 166, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 166, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 166, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 166, 136);  
box-shadow:4px 4px 4px 4px rgb(185, 166,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0877, 39.3643, 28.8832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 166, 136) }
```

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

```
.background{ background-color: rgb(185,  
166, 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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