

Converting Colors

XYZ(39.2847, 38.7524, 31.1547)

Have a look what the booklet for
XYZ(39.2847, 38.7524, 31.1547)
contains.

XYZ(39.2887, 38.8700, 31.0231)	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(39.2887, 38.8700,
31.0231)**

Conversions

Conversions Part 1

Format	Color
Hex	BFA28E
RGB	191, 162, 142
RGB Percent	75%, 64%, 56%
CMY	0.2510, 0.3647, 0.4431
CMYK	0.00, 0.15, 0.26, 0.25
HSL	24°, 28%, 65%
HSV	24°, 26%, 75%
XYZ	39.2887, 38.8700, 31.0231
YIQ	168.3910, 23.7040, -0.0720

Conversions

Conversions Part 2

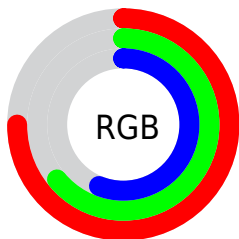
Format	Color
R_{YB}	191, 176, 142
Decimal	12558990
CIE _{Lab}	68.66, 7.56, 14.36
CIE _{LCh}	69, 16.224, 62.230
Yxy	38.8700, 0.3598, 0.3560
Android (android.graphics.Color)	4290749070 (0xFFBFA28E)
YUV	168.3910, -13.0108, 19.8281
Hunter-Lab	62.3458, 3.3809, 14.1395

Details

The XYZ color **39.2887, 38.8700, 31.0231** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.1219, 38.6372, 54.8971**, and the grayscale version is **37.4663, 39.4175, 42.9256**.

A 20% lighter version of the original color is **73.4881, 73.5677, 62.5513**, and **17.8242, 17.2429, 12.5140** is the 20% darker color. If you saturate the color by 10%, you get **36.0737, 34.5414, 23.4724**, and if you desaturate by 10%, it is **42.9305, 43.6584, 39.9293**.

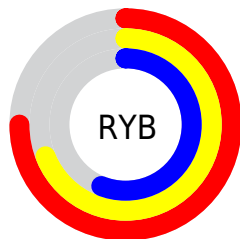
Distribution



Red (75%)

Green (64%)

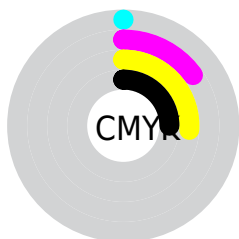
Blue (56%)



Red (75%)

Yellow (69%)

Blue (56%)

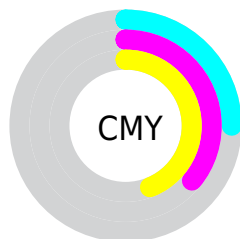


Cyan (0%)

Magenta (15%)

Yellow (26%)

Black (25%)



Cyan (25%)


Magenta (36%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2887, 38.8700, 31.0231 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 39.2887, 38.8700, 31.0231 by changing the saturation by 10% instead.


 39.2887, 38.8700,
31.0231


 39.2887, 38.8700,
31.0231


334.3024,
341.3375, 320.9992


 27.1661, 26.6586,
20.3578


 73.3704, 73.4397,
62.3564

 17.8353, 17.3170,
12.4688


 96.0602, 96.5668,
83.8616

 10.9307, 10.4608,
6.9374


 123.0032,
124.1012, 109.8171

 6.0872, 5.7055,
3.3451

154.5646,
156.4274, 140.6415

 2.9394, 2.6669,
1.2734

191.1099,
193.9297, 176.7534

 1.1218, 0.9604,
0.0399

233.0044,

 0.0432, 0.0000,

236.9926, 218.5713

0.0000

280.6135,
286.0004, 266.5137

■ 0.0000, 0.0000,
0.0000

■ 39.2887, 38.8700,
31.0231

■ 39.2887, 38.8700,
31.0231

■ 36.0737, 34.5414,
23.4724

■ 42.9305, 43.6584,
39.9293

■ 33.2651, 30.6530,
17.2072

■ 47.0122, 48.9149,
50.2514

■ 30.8456, 27.1911,
12.1549

■ 51.5501, 54.6545,
62.0489

■ 28.7949, 24.1397,
8.2346

■ 56.5585, 60.8895,
75.3774

■ 27.0908, 21.4812,
5.3553

■ 62.0514, 67.6321,
90.2894

■ 25.7080, 19.1964,
3.4117

■ 67.7829, 74.7903,
105.4712

■ 24.6160, 17.2637,
2.2732

■ 71.0278, 81.2801,
106.5528

■ 24.2085, 16.5215,
1.9130

■ 74.4803, 88.1851,
107.7036

■ 75.2960, 89.8164,
107.9755

Harmonies

Analogous

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



41.2721, 38.8700, 35.2334



39.2887, 38.8700, 31.0231



36.7534, 38.8700, 29.7287

Triad

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



39.2887, 38.8700, 31.0231



32.2361, 38.8700, 42.8743



39.6357, 38.8700, 55.4191

Complementary

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



39.2887, 38.8700, 31.0231



35.1219, 38.6372, 54.8971

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.



37.1368, 38.8700, 58.0496



39.2887, 38.8700, 31.0231



32.9310, 38.8700, 50.3046

Square

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



39.2887, 38.8700, 31.0231



32.7537, 38.8700, 36.0818



34.6960, 38.8700, 56.0789



41.4789, 38.8700, 49.2449

Rectangle

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



39.2887, 38.8700, 31.0231



35.1116, 38.8700, 30.5568



34.6960, 38.8700, 56.0789



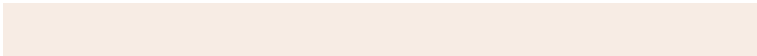
38.8406, 38.8700, 56.7773

Sweetspot

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



39.2897, 38.8718, 31.0239



82.3161, 85.1989, 85.1869



38.5481, 33.3784, 43.1397



17.8264, 18.3887, 18.0722



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



39.2897, 38.8718, 31.0239



66.9153, 64.9948, 47.3825



43.9487, 48.1897, 32.5769



9.8414, 10.1588, 10.0188



15.9844, 11.0075, 1.2822



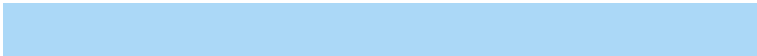
0.6906, 0.5602, 0.0717

Inverse Universe

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



35.1219, 38.6372, 54.8971



58.1336, 64.4939, 97.6637



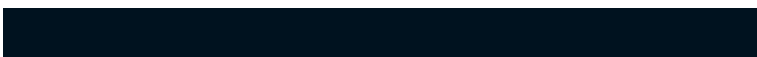
30.9779, 30.3492, 53.5158



9.4731, 10.1384, 12.1298



10.1436, 10.3990, 33.8655



0.4601, 0.5330, 1.3475

Previews

White Background



This preview shows how the XYZ color 39.2887, 38.8700, 31.0231 looks on a white background.

Color Contrast Check

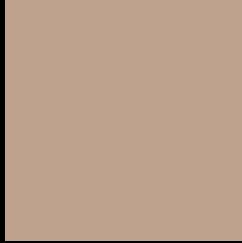
Large Text (above 18pt) WCAG AA × Fail

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 39.2887, 38.8700, 31.0231 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 39.2887, 38.8700, 31.0231

Background



This preview shows how black text looks on a background with the XYZ color 39.2887, 38.8700, 31.0231.



This preview shows how white text looks on a background with the XYZ color 39.2887, 38.8700,

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

39.2887, 38.8700, 31.0231

Protanopia

36.8340, 38.9119, 32.3574

Deuteranopia

39.6197, 38.7802, 30.9883



Tritanopia

41.7307, 38.8253, 43.3248

Trichromacy



Original Color

39.2887, 38.8700, 31.0231

Protanomaly

37.5452, 38.7476, 31.8858

Deuteranomaly

39.3656, 38.6492, 30.9764

Tritanomaly

40.7356, 38.6718, 38.5751

Monochromacy



Original Color

39.2887, 38.8700, 31.0231

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.7987, 39.0057, 38.3375

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2887, 38.8700, 31.0231 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(191, 162, 142)` looks like.

```
.text, #text, p{  
    color:rgb(191, 162, 142)  
}
```

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(191, 162, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 162, 142) }
```

Border

The CSS property to change the border of an element to XYZ 39.2887, 38.8700, 31.0231 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(191, 162, 142) }
```


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

```
.border{ border-color:rgb(191, 162, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 162, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 162, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 162, 142);  
box-shadow:4px 4px 4px 4px rgb(191, 162,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2887, 38.8700, 31.0231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 162, 142) }
```

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

```
.background{ background-color: rgb(191,  
162, 142) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor