

Converting Colors

XYZ(38.9973, 38.9196, 28.6703)

Have a look what the booklet for
XYZ(38.9973, 38.9196, 28.6703)
contains.

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Color

**XYZ(39.0270, 39.0483,
28.7727)**

Conversions

Conversions Part 1

Format	Color
Hex	BFA388
RGB	191, 163, 136
RGB Percent	75%, 64%, 53%
CMY	0.2510, 0.3608, 0.4667
CMYK	0.00, 0.15, 0.29, 0.25
HSL	29°, 30%, 64%
HSV	29°, 29%, 75%
XYZ	39.0270, 39.0483, 28.7727
YIQ	168.2940, 25.3550, -2.4610

Conversions

Conversions Part 2

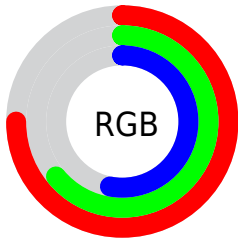
Format	Color
RYB	191, 189, 136
Decimal	12559240
CIELab	68.79, 6.17, 17.84
CIELCh	69, 18.879, 70.913
Yxy	39.0483, 0.3653, 0.3655
Android (android.graphics.Color)	4290749320 (0xFFBFA388)
YUV	168.2940, -15.9209, 19.9132
Hunter-Lab	62.4886, 2.1263, 16.4422

Details

The XYZ color **39.0270, 39.0483, 28.7727** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.8325, 35.5458, 54.4210**, and the grayscale version is **37.4318, 39.3812, 42.8861**.

A 20% lighter version of the original color is **72.9681, 73.7734, 58.5380**, and **17.6807, 17.3591, 11.2229** is the 20% darker color. If you saturate the color by 10%, you get **36.1286, 35.2335, 21.6958**, and if you desaturate by 10%, it is **42.3022, 43.2289, 37.1695**.

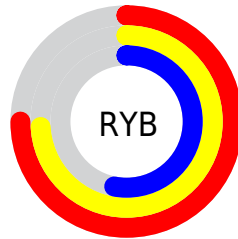
Distribution



Red (75%)

Green (64%)

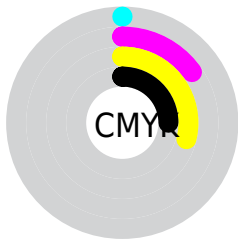
Blue (53%)



Red (75%)

Yellow (74%)

Blue (53%)

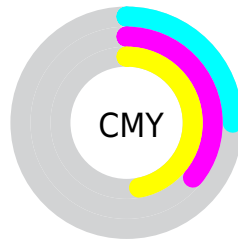


Cyan (0%)

Magenta (15%)

Yellow (29%)

Black (25%)



Cyan (25%)


Magenta (36%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.0270, 39.0483, 28.7727 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 39.0270, 39.0483, 28.7727 by changing the saturation by 10% instead.


 39.0270, 39.0483,
28.7727


 39.0270, 39.0483,
28.7727


333.2105,
342.0958, 310.1683


 26.9616, 26.7973,
18.6648


 72.9734, 73.7121,
58.7536

 17.6808, 17.4210,
11.2540


 95.5850, 96.8937,
79.4638

 10.8194, 10.5351,
6.1216


 122.4427,
124.4876, 104.5451

 6.0119, 5.7552,
2.8492

153.9119,
156.8782, 134.4161

 2.8930, 2.6968,
1.0182

190.3580,
194.4500, 169.4954

 1.0975, 0.9756,
0.0000

232.1461,

 0.0230, 0.0000,

237.5872, 210.2015

0.0000

279.6419,
286.6744, 256.9530

■ 0.0000, 0.0000,
0.0000

■ 39.0270, 39.0483,
28.7727

■ 39.0270, 39.0483,
28.7727

■ 36.1286, 35.2335,
21.6958

■ 42.3022, 43.2289,
37.1695

■ 33.5879, 31.7680,
15.8677

■ 45.9657, 47.7805,
46.9474

■ 31.3891, 28.6420,
11.2143

■ 50.0326, 52.7149,
58.1666

■ 29.5132, 25.8427,
7.6525

■ 54.5160, 58.0415,
70.8831

■ 27.9393, 23.3566,
5.0882

■ 59.4284, 63.7697,
85.1499

■ 26.6432, 21.1683,
3.4108

■ 64.7818, 69.9083,
101.0172

■ 25.5861, 19.2566,
2.4344

■ 68.1289, 75.4824,
105.5865

■ 25.4689, 19.0422,
2.3332

■ 70.9272, 81.0788,
106.5193

■ 73.8789, 86.9823,
107.5032

Harmonies

Analogous

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



41.6327, 39.0483, 32.6157



39.0270, 39.0483, 28.7727



36.0359, 39.0483, 28.3068

Triad

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



39.0270, 39.0483, 28.7727



31.7482, 39.0483, 45.7124



41.0100, 39.0483, 56.2196

Complementary

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



39.0270, 39.0483, 28.7727



32.8325, 35.5458, 54.4210

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.



38.2138, 39.0483, 60.8292



39.0270, 39.0483, 28.7727



32.9351, 39.0483, 54.2431

Square

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



39.0270, 39.0483, 28.7727



31.9398, 39.0483, 37.3547



35.2650, 39.0483, 60.0609



42.8194, 39.0483, 48.1341

Rectangle

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



39.0270, 39.0483, 28.7727



34.2371, 39.0483, 29.8925



35.2650, 39.0483, 60.0609



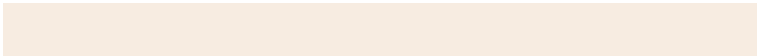
40.1482, 39.0483, 58.2731

Sweetspot

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



39.0280, 39.0501, 28.7735



82.0848, 85.2804, 83.4319



37.0289, 31.3806, 39.4254



17.8037, 18.4544, 17.7220



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.



39.0280, 39.0501, 28.7735



66.3175, 65.2488, 42.7144



44.3616, 49.7172, 30.5514



9.9065, 10.2890, 10.0405



16.8180, 12.6747, 1.5601



0.7243, 0.6275, 0.0829

Inverse Universe

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



32.8325, 35.5458, 54.4210



53.2899, 57.8794, 96.6423



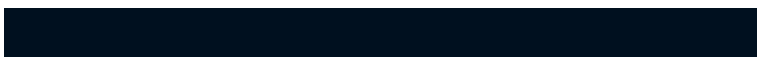
28.4916, 26.8640, 52.9740



9.4071, 10.0065, 12.1079



9.0838, 8.2794, 33.5122



0.4212, 0.4550, 1.3345

Previews

White Background



This preview shows how the XYZ color 39.0270, 39.0483, 28.7727 looks on a white background.

Color Contrast Check

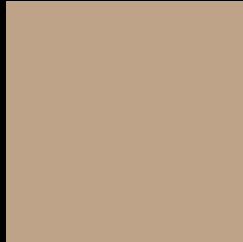
Large Text (above 18pt) WCAG AA × Fail

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 39.0270, 39.0483, 28.7727 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 39.0270, 39.0483, 28.7727

Background



This preview shows how black text looks on a background with the XYZ color 39.0270, 39.0483, 28.7727.



This preview shows how white text looks on a background with the XYZ color 39.0270, 39.0483,

28.7727.

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

39.0270, 39.0483, 28.7727

Protanopia

36.9502, 39.3052, 29.6839

Deuteranopia

39.6945, 38.8694, 28.7030



Tritanopia

41.9882, 38.9581, 43.3369

Trichromacy



Original Color

39.0270, 39.0483, 28.7727

Protanomaly

37.6800, 39.1459, 29.2369

Deuteranomaly

39.6124, 39.0876, 28.7494

Tritanomaly

40.9905, 39.0796, 37.7304

Monochromacy



Original Color

39.0270, 39.0483, 28.7727

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.5415, 38.9028, 36.9828

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0270, 39.0483, 28.7727 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, 163, 136)` looks like.

```
.text, #text, p{  
    color:rgb(191, 163, 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(191, 163, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 163, 136) }
```

Border

The CSS property to change the border of an element to XYZ 39.0270, 39.0483, 28.7727 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, 163, 136) }
```


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

```
.border{ border-color:rgb(191, 163, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 163, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 163, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 163, 136);  
box-shadow:4px 4px 4px 4px rgb(191, 163,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0270, 39.0483, 28.7727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 163, 136) }
```

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

```
.background{ background-color: rgb(191,  
163, 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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