

Converting Colors

XYZ(39.2559, 40.2175, 26.5424)

Have a look what the booklet for
XYZ(39.2559, 40.2175, 26.5424)
contains.

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Color

**XYZ(39.2670, 40.2988,
26.4777)**

Conversions

Conversions Part 1

Format	Color
Hex	BFA781
RGB	191, 167, 129
RGB Percent	75%, 65%, 51%
CMY	0.2510, 0.3451, 0.4941
CMYK	0.00, 0.13, 0.32, 0.25
HSL	37°, 33%, 63%
HSV	37°, 32%, 75%
XYZ	39.2670, 40.2988, 26.4777
YIQ	169.8440, 26.5020, -6.7300

Conversions

Conversions Part 2

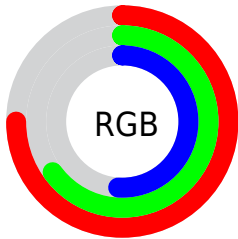
Format	Color
RYB	168, 191, 129
Decimal	12560257
CIELab	69.68, 3.07, 22.89
CIELCh	70, 23.098, 82.354
Yxy	40.2988, 0.3703, 0.3800
Android (android.graphics.Color)	4290750337 (0xFFBFA781)
YUV	169.8440, -20.1361, 18.5538
Hunter-Lab	63.4813, -0.6794, 19.7074

Details

The XYZ color **39.2670, 40.2988, 26.4777** is a light color, and the websafe version is hex **999966**. A complement of this color would be **29.8481, 31.2101, 53.7412**, and the grayscale version is **38.2195, 40.2099, 43.7886**.

A 20% lighter version of the original color is **73.2762, 75.5764, 54.9816**, and **17.8585, 18.1443, 9.9581** is the 20% darker color. If you saturate the color by 10%, you get **36.7988, 37.2076, 19.9660**, and if you desaturate by 10%, it is **42.0521, 43.6435, 34.2667**.

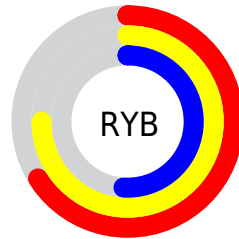
Distribution



Red (75%)

Green (65%)

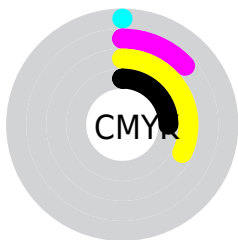
Blue (51%)



Red (66%)

Yellow (75%)

Blue (51%)

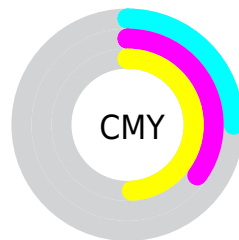


Cyan (0%)

Magenta (13%)

Yellow (32%)

Black (25%)



Cyan (25%)


Magenta (35%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2670, 40.2988, 26.4777 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 39.2670, 40.2988, 26.4777 by changing the saturation by 10% instead.


 39.2670, 40.2988,
26.4777


 39.2670, 40.2988,
26.4777


334.2120,
347.3814, 298.7990


 27.1492, 27.7716,
16.9524


 73.3375, 75.6183,
55.0381

 17.8224, 18.1536,
10.0390


 96.0208, 99.1794,
74.9103

 10.9215, 11.0603,
5.3188


 122.9568,
127.1872, 99.0685

 6.0810, 6.1074,
2.3735

154.5106,
160.0262, 127.9313

 2.9355, 2.9105,
0.7720

191.0476,
198.0807, 161.9172

 1.1198, 1.0852,
0.0000

232.9333,

 0.0415, 0.0000,

241.7351, 201.4448

0.0000

280.5330,
291.3739, 246.9325

■ 0.0000, 0.0000,
0.0000

■ 39.2670, 40.2988,
26.4777

■ 39.2670, 40.2988,
26.4777

■ 36.7988, 37.2076,
19.9660

■ 42.0521, 43.6435,
34.2667

■ 34.6297, 34.3565,
14.6590

■ 45.1644, 47.2435,
43.3954

■ 32.7450, 31.7388,
10.4803

■ 48.6175, 51.1077,
53.9249

■ 31.1271, 29.3454,
7.3439

■ 52.4234, 55.2427,
65.9119

■ 29.7560, 27.1660,
5.1512

■ 56.5933, 59.6549,
79.4098

■ 28.6077, 25.1889,
3.7840

■ 61.1378, 64.3505,
94.4696

■ 27.8563, 23.8172,
3.1290

■ 64.8022, 68.8291,
104.4777

■ 66.7709, 72.7665,
105.1339

■ 68.8263, 76.8773,
105.8190

Harmonies

Analogous

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



42.8620, 40.2988, 29.5164



39.2670, 40.2988, 26.4777



35.6341, 40.2988, 27.4634

Triad

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



39.2670, 40.2988, 26.4777



32.0334, 40.2988, 52.1809



44.2795, 40.2988, 57.6882

Complementary

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



39.2670, 40.2988, 26.4777



29.8481, 31.2101, 53.7412

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.



41.1015, 40.2988, 65.7987



39.2670, 40.2988, 26.4777



34.0789, 40.2988, 62.2757

Square

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



39.2670, 40.2988, 26.4777



31.6126, 40.2988, 41.1966



37.3545, 40.2988, 67.6014



45.8760, 40.2988, 46.6745

Rectangle

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



39.2670, 40.2988, 26.4777



33.6624, 40.2988, 30.3585



37.3545, 40.2988, 67.6014



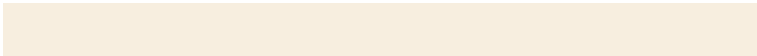
43.3512, 40.2988, 60.9134

Sweetspot

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



39.2680, 40.3007, 26.4785



82.2584, 86.1641, 81.8360



35.1525, 29.1037, 34.2498



17.8766, 18.7097, 17.4084



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.



39.2680, 40.3007, 26.4785



67.1081, 68.1691, 38.8495



42.5527, 49.1361, 28.0108



10.0037, 10.4835, 10.0729



18.3867, 15.8123, 2.0830



0.7819, 0.7427, 0.1021

Inverse Universe

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



29.8481, 31.2101, 53.7412



47.6134, 49.3650, 95.2980



27.2785, 24.6301, 52.6066



9.3111, 9.8146, 12.0759



7.8590, 5.8297, 33.1039



0.3717, 0.3560, 1.3180

Previews

White Background



This preview shows how the XYZ color 39.2670, 40.2988, 26.4777 looks on a white background.

Color Contrast Check

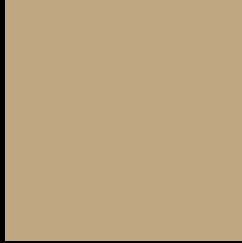
Large Text (above 18pt) WCAG AA × Fail

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 39.2670, 40.2988, 26.4777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

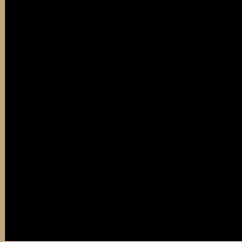
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.2670, 40.2988, 26.4777

Background



This preview shows how black text looks on a background with the XYZ color 39.2670, 40.2988, 26.4777.



This preview shows how white text looks on a background with the XYZ color 39.2670, 40.2988,

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

39.2670, 40.2988, 26.4777

Protanopia

37.6954, 40.3062, 26.9122

Deuteranopia

40.9459, 40.0855, 26.6983



Tritanopia

43.1498, 40.2815, 45.5453

Trichromacy



Original Color

39.2670, 40.2988, 26.4777

Protanomaly

38.2248, 40.3019, 26.8835

Deuteranomaly

40.3307, 40.0329, 26.7206

Tritanomaly

41.5169, 40.1323, 37.9059

Monochromacy



Original Color

39.2670, 40.2988, 26.4777

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.4645, 40.2075, 36.7439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2670, 40.2988, 26.4777 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, 167, 129)` looks like.

```
.text, #text, p{  
    color:rgb(191, 167, 129)  
}
```

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, 167, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 167, 129) }
```

Border

The CSS property to change the border of an element to XYZ 39.2670, 40.2988, 26.4777 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, 167, 129) }
```


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

```
.border{ border-color:rgb(191, 167, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 167, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 167, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 167, 129);  
box-shadow:4px 4px 4px 4px rgb(191, 167,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2670, 40.2988, 26.4777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 167, 129) }
```

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

```
.background{ background-color: rgb(191,  
167, 129) }
```

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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