

Converting Colors

XYZ(32.2802, 33.6540, 28.4463)

Have a look what the booklet for
XYZ(32.2802, 33.6540, 28.4463)
contains.

XYZ(32.3402, 33.7986, 28.4862)	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(32.3402, 33.7986,
28.4862)**

Conversions

Conversions Part 1

Format	Color
Hex	A79C89
RGB	167, 156, 137
RGB Percent	65%, 61%, 54%
CMY	0.3451, 0.3882, 0.4627
CMYK	0.00, 0.07, 0.18, 0.35
HSL	38°, 15%, 60%
HSV	38°, 18%, 65%
XYZ	32.3402, 33.7986, 28.4862
YIQ	157.1230, 12.6550, -3.5770

Conversions

Conversions Part 2

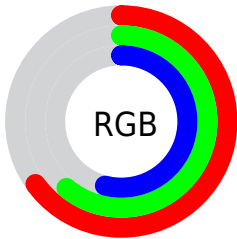
Format	Color
RYB	154, 167, 137
Decimal	10984585
CIELab	64.80, 0.78, 11.40
CIElCh	65, 11.426, 86.098
Yxy	33.7986, 0.3418, 0.3572
Android (android.graphics.Color)	4289174665 (0xFFA79C89)
YUV	157.1230, -9.9206, 8.6621
Hunter-Lab	58.1366, -2.4430, 11.6442

Details

The XYZ color **32.3402, 33.7986, 28.4862** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.8814, 29.2876, 40.7430**, and the grayscale version is **32.1432, 33.8172, 36.8269**.

A 20% lighter version of the original color is **62.4651, 65.3405, 58.0349**, and **13.8421, 14.4361, 11.0737** is the 20% darker color. If you saturate the color by 10%, you get **30.2326, 31.3543, 22.3239**, and if you desaturate by 10%, it is **34.6868, 36.4237, 35.6439**.

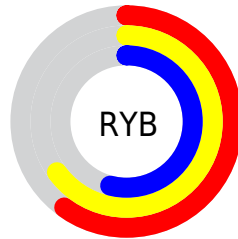
Distribution



Red (65%)

Green (61%)

Blue (54%)



Red (60%)

Yellow (65%)

Blue (54%)

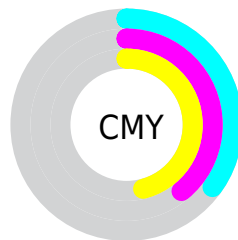


Cyan (0%)

Magenta (7%)

Yellow (18%)

Black (35%)



Cyan (35%)

Magenta (39%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3402, 33.7986, 28.4862 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 32.3402, 33.7986, 28.4862 by changing the saturation by 10% instead.

■ 32.3402, 33.7986,
28.4862

■ 32.3402, 33.7986,
28.4862

304.3839,
319.2331, 308.7676

■ 21.7783, 22.7389,
18.4503

■ 62.7056, 65.6204,
58.2922

■ 13.8098, 14.4008,
11.1010

■ 83.2399, 87.1512,
78.8993

■ 8.0693, 8.4000,
6.0198

■ 107.8289,
112.9413, 103.8672

■ 4.1915, 4.3519,
2.7881

136.8381,
143.3749, 133.6144

■ 1.8110, 1.8723,
0.9875

170.6329,
178.8365, 168.5596

■ 0.5243, 0.5317,
0.0000

209.5785,

■ 0.0000, 0.0000,

219.7105, 209.1211

0.0000

254.0404,
266.3812, 255.7176

■ 32.3402, 33.7986,
28.4862

■ 32.3402, 33.7986,
28.4862

■ 30.2326, 31.3543,
22.3239

■ 34.6868, 36.4237,
35.6439

■ 28.3521, 29.0813,
17.1097

■ 37.2785, 39.2297,
43.8369

■ 26.6896, 26.9759,
12.7958

■ 40.1243, 42.2225,
53.1057

■ 25.2344, 25.0326,
9.3295

■ 43.2321, 45.4064,
63.4877

■ 23.9747, 23.2452,
6.6521

■ 46.6093, 48.7855,
75.0189

■ 22.8970, 21.6073,
4.6977

■ 50.2630, 52.3637,
87.7334

■ 21.9860, 20.1111,
3.3896

■ 54.2000, 56.1448,
101.6638

■ 21.2162, 18.7453,
2.5976

■ 55.8120, 59.0866,
103.0710

■ 21.0685, 18.4796,
2.4565

■ 57.3049, 62.0723,
103.5686

Harmonies

Analogous

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



33.9205, 33.7986, 29.7855



32.3402, 33.7986, 28.4862



30.7537, 33.7986, 29.2536

Triad

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



32.3402, 33.7986, 28.4862



29.3681, 33.7986, 40.9296



34.8208, 33.7986, 42.0860

Complementary

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



32.3402, 33.7986, 28.4862



27.8814, 29.2876, 40.7430

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.



33.5356, 33.7986, 45.5461



32.3402, 33.7986, 28.4862



30.3931, 33.7986, 44.8395

Square

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



32.3402, 33.7986, 28.4862



29.0723, 33.7986, 36.1881



31.9099, 33.7986, 46.5940



35.3833, 33.7986, 37.4206

Rectangle

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



32.3402, 33.7986, 28.4862



29.8999, 33.7986, 30.8724



31.9099, 33.7986, 46.5940



34.4569, 33.7986, 43.4436

Sweetspot

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



32.3411, 33.8001, 28.4869



63.4093, 66.6421, 67.8580



30.2277, 28.2454, 31.8761



14.1213, 14.8385, 14.9705



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



32.3411, 33.8001, 28.4869



56.1944, 58.5521, 45.9080



33.4387, 37.2304, 29.0912



7.9122, 8.3045, 7.9752



16.1696, 14.2364, 1.8957



0.4396, 0.4388, 0.0615

Inverse Universe

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



27.8814, 29.2876, 40.7430



46.5417, 48.7864, 72.4390



26.9057, 26.3446, 40.2264



7.3486, 7.7341, 9.5239



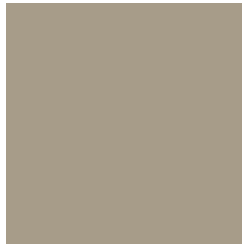
6.6665, 4.7931, 28.5493



0.2110, 0.2143, 0.7109

Previews

White Background



This preview shows how the XYZ color 32.3402, 33.7986, 28.4862 looks on a white background.

Color Contrast Check

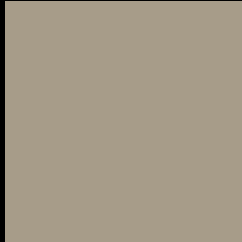
Large Text (above 18pt) WCAG AA × Fail

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 32.3402, 33.7986, 28.4862 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

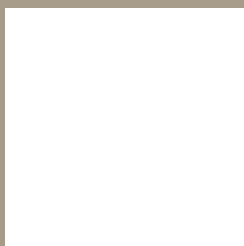
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.3402, 33.7986, 28.4862

Background



This preview shows how black text looks on a background with the XYZ color 32.3402, 33.7986, 28.4862.



This preview shows how white text looks on a background with the XYZ color 32.3402, 33.7986,

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

32.3402, 33.7986, 28.4862

Protanopia

32.0894, 33.9194, 28.5227

Deuteranopia

34.2445, 33.5519, 28.7160



Tritanopia

34.7237, 33.7947, 39.8149

Trichromacy



Original Color

32.3402, 33.7986, 28.4862

Protanomaly

32.2982, 34.0271, 28.5325

Deuteranomaly

33.6579, 33.7314, 28.7816

Tritanomaly

33.8015, 33.6616, 35.2877

Monochromacy



Original Color

32.3402, 33.7986, 28.4862

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.2599, 33.8930, 33.6959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3402, 33.7986, 28.4862 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(167, 156, 137)` looks like.

```
.text, #text, p{  
    color:rgb(167, 156, 137)  
}
```

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(167, 156, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 156, 137) }
```

Border

The CSS property to change the border of an element to XYZ 32.3402, 33.7986, 28.4862 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(167, 156, 137) }
```


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

```
.border{ border-color:rgb(167, 156, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 156, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 156, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 156, 137);  
box-shadow:4px 4px 4px 4px rgb(167, 156,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3402, 33.7986, 28.4862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 156, 137) }
```

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

```
.background{ background-color: rgb(167,  
156, 137) }
```

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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