

Converting Colors

XYZ(33.4462, 36.2097, 26.1710)

Have a look what the booklet for
XYZ(33.4462, 36.2097, 26.1710)
contains.

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Color

**XYZ(33.4886, 36.2411,
26.3493)**

Conversions

Conversions Part 1

Format	Color
Hex	A9A382
RGB	169, 163, 130
RGB Percent	66%, 64%, 51%
CMY	0.3373, 0.3608, 0.4902
CMYK	0.00, 0.04, 0.23, 0.34
HSL	51°, 18%, 59%
HSV	51°, 23%, 66%
XYZ	33.4886, 36.2411, 26.3493
YIQ	161.0320, 14.1690, -8.9910

Conversions

Conversions Part 2

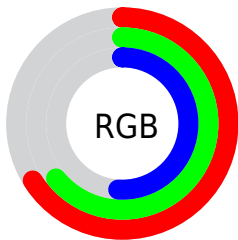
Format	Color
RYB	137, 169, 130
Decimal	11117442
CIELab	66.70, -3.33, 17.96
CIELCh	67, 18.267, 100.517
Yxy	36.2411, 0.3486, 0.3772
Android (android.graphics.Color)	4289307522 (0xFFA9A382)
YUV	161.0320, -15.2988, 6.9879
Hunter-Lab	60.2006, -6.0544, 16.1897

Details

The XYZ color **33.4886, 36.2411, 26.3493** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.1713, 25.2180, 41.0771**, and the grayscale version is **33.9562, 35.7245, 38.9040**.

A 20% lighter version of the original color is **64.6700, 69.5693, 54.8195**, and **14.3349, 15.6611, 9.8568** is the 20% darker color. If you saturate the color by 10%, you get **31.9899, 34.9122, 20.7054**, and if you desaturate by 10%, it is **35.1850, 37.6667, 32.9792**.

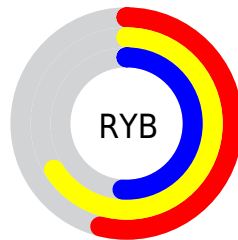
Distribution



Red (66%)

Green (64%)

Blue (51%)



Red (54%)

Yellow (66%)

Blue (51%)

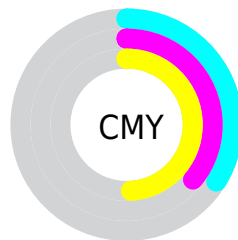


Cyan (0%)

Magenta (4%)

Yellow (23%)

Black (34%)



Cyan (34%)

Magenta (36%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.4886, 36.2411, 26.3493 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 33.4886, 36.2411, 26.3493 by changing the saturation by 10% instead.

■ 33.4886, 36.2411,
26.3493

■ 33.4886, 36.2411,
26.3493

309.4719,
330.0131, 298.1524

■ 22.6620, 24.6205,
16.8570

■ 64.4872, 69.4040,
54.8289

■ 14.4635, 15.7945,
9.9717

■ 85.3899, 91.7151,
74.6533

■ 8.5276, 9.3789,
5.2749

■ 110.3821,
118.3585, 98.7589

■ 4.4890, 4.9891,
2.3479

139.8291,
149.7185, 127.5641

■ 1.9823, 2.2409,
0.7579

174.0962,
186.1796, 161.4875

■ 0.6240, 0.7421,
0.0000

213.5488,

■ 0.0000, 0.0000,

228.1261, 200.9477

0.0000

258.5522,
275.9425, 246.3631

■ 33.4886, 36.2411,
26.3493

■ 33.4886, 36.2411,
26.3493

■ 31.9899, 34.9122,
20.7054

■ 35.1850, 37.6667,
32.9792

■ 30.6769, 33.6715,
15.9974

■ 37.0849, 39.1877,
40.6374

■ 29.5408, 32.5165,
12.1741

■ 39.1971, 40.8090,
49.3667

■ 28.5705, 31.4427,
9.1786

■ 41.5292, 42.5336,
59.2064

■ 27.7540, 30.4453,
6.9473

■ 44.0884, 44.3647,
70.1942

■ 27.0775, 29.5185,
5.4072

■ 46.8816, 46.3049,
82.3658

■ 26.5242, 28.6557,
4.4715

■ 49.9153, 48.3570,
95.7554

■ 26.1873, 28.0853,
4.0408

■ 51.5092, 49.8489,
101.5147

■ 52.0531, 50.9367,
101.6960

Harmonies

Analogous

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



36.2425, 36.2411, 26.8209



33.4886, 36.2411, 26.3493



31.1192, 36.2411, 29.0180

Triad

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



33.4886, 36.2411, 26.3493



30.5754, 36.2411, 50.1553



39.6831, 36.2411, 44.7376

Complementary

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



33.4886, 36.2411, 26.3493



25.1713, 25.2180, 41.0771

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.



38.0020, 36.2411, 52.1482



33.4886, 36.2411, 26.3493



32.7100, 36.2411, 55.5531

Square

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



33.4886, 36.2411, 26.3493



29.4978, 36.2411, 42.2936



35.4216, 36.2411, 56.3274



39.9190, 36.2411, 36.7567

Rectangle

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



33.4886, 36.2411, 26.3493



30.0392, 36.2411, 32.4574



35.4216, 36.2411, 56.3274



39.2642, 36.2411, 47.4046

Sweetspot

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



33.4895, 36.2427, 26.3501



64.9941, 69.0586, 66.9988



28.8247, 26.1925, 27.0162



14.1243, 15.0186, 14.4350



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.



33.4895, 36.2427, 26.3501



58.4783, 63.5956, 41.4939



31.9278, 37.0557, 26.5893



8.0472, 8.5744, 8.0202



19.5488, 20.9948, 3.0221



0.5013, 0.5621, 0.0821

Inverse Universe

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



25.1713, 25.2180, 41.0771



40.7862, 40.1497, 72.8251



26.4721, 24.6700, 40.9027



7.2215, 7.4799, 9.4815



5.6386, 2.7374, 28.2067



0.1639, 0.1200, 0.6952

Previews

White Background



This preview shows how the XYZ color 33.4886, 36.2411, 26.3493 looks on a white background.

Color Contrast Check

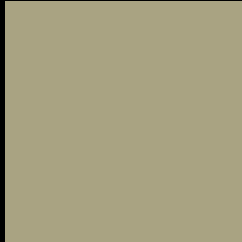
Large Text (above 18pt) WCAG AA × Fail

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 33.4886, 36.2411, 26.3493 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

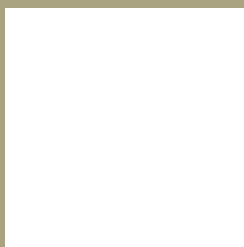
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.4886, 36.2411, 26.3493

Background



This preview shows how black text looks on a background with the XYZ color 33.4886, 36.2411, 26.3493.



This preview shows how white text looks on a background with the XYZ color 33.4886, 36.2411,

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

33.4886, 36.2411, 26.3493

Protanopia

33.8960, 36.1963, 25.9689

Deuteranopia

36.7242, 36.1070, 26.5065



Tritanopia

36.9381, 36.3547, 43.1005

Trichromacy



Original Color

33.4886, 36.2411, 26.3493

Protanomaly

33.6774, 36.0836, 25.9587

Deuteranomaly

35.5509, 36.2587, 26.5976

Tritanomaly

35.5005, 36.2788, 36.1418

Monochromacy



Original Color

33.4886, 36.2411, 26.3493

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.7352, 35.9352, 34.0123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.4886, 36.2411, 26.3493 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(169, 163, 130)` looks like.

```
.text, #text, p{  
    color:rgb(169, 163, 130)  
}
```

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(169, 163, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 163, 130) }
```

Border

The CSS property to change the border of an element to XYZ 33.4886, 36.2411, 26.3493 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(169, 163, 130) }
```


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

```
.border{ border-color:rgb(169, 163, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 163, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 163, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 163, 130);  
box-shadow:4px 4px 4px 4px rgb(169, 163,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 33.4886, 36.2411, 26.3493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 163, 130) }
```

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

```
.background{ background-color: rgb(169,  
163, 130) }
```

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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