

Converting Colors

XYZ(28.2316, 27.4476, 11.7926)

Have a look what the booklet for
XYZ(28.2316, 27.4476, 11.7926)
contains.

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Color

**XYZ(28.2316, 27.4476,
11.7926)**

Conversions

Conversions Part 1

Format	Color
Hex	B08852
RGB	176, 136, 82
RGB Percent	69%, 53%, 32%
CMY	0.3098, 0.4666, 0.6784
CMYK	0.00, 0.23, 0.53, 0.31
HSL	34°, 37%, 51%
HSV	34°, 53%, 69%
XYZ	28.2316, 27.4476, 11.7926
YIQ	141.8040, 41.1740, -8.3140

Conversions

Conversions Part 2

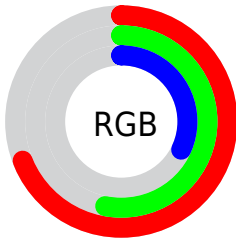
Format	Color
RYB	152, 176, 82
Decimal	11569234
CIELab	59.39, 8.67, 34.64
CIElCh	59, 35.710, 75.955
Yxy	27.4476, 0.4184, 0.4068
Android (android.graphics.Color)	4289759314 (0xFFB08852)
YUV	141.8040, -29.4834, 29.9899
Hunter-Lab	52.3905, 4.5048, 23.3277

Details

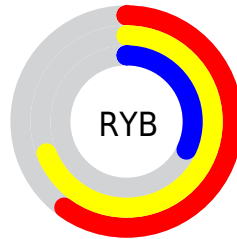
The XYZ color **28.2316, 27.4476, 11.7926** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **18.2753, 18.8467, 43.7486**, and the grayscale version is **25.7357, 27.0759, 29.4857**.

A 20% lighter version of the original color is **56.2941, 55.5536, 29.5857**, and **11.5163, 10.8419, 3.0758** is the 20% darker color. If you saturate the color by 10%, you get **26.6279, 25.1782, 8.3671**, and if you desaturate by 10%, it is **30.0821, 29.9358, 16.1484**.

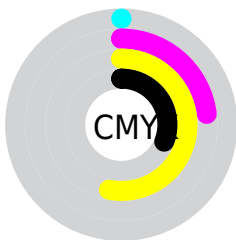
Distribution



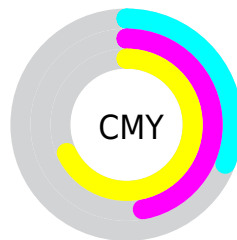
- Red (69%)
- Green (53%)
- Blue (32%)



- Red (60%)
- Yellow (69%)
- Blue (32%)



- Cyan (0%)
- Magenta (23%)
- Yellow (53%)
- Black (31%)



- Cyan (31%)
- Magenta (47%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2316, 27.4476, 11.7926 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 28.2316, 27.4476, 11.7926 by changing the saturation by 10% instead.

■ 28.2316, 27.4476,
11.7926

■ 28.2316, 27.4476,
11.7926

285.6320,
289.8178, 213.9563

■ 18.6417, 17.9097,
6.4818

■ 56.2601, 55.6013,
29.7755

■ 11.5141, 10.8852,
3.0667

■ 75.4293, 74.9858,
43.2847

■ 6.4836, 5.9897,
1.1288

■ 98.5223, 98.4214,
60.3638

■ 3.1847, 2.8388,
0.0000

■ 125.9045,
126.2923, 81.4313

■ 1.2522, 1.0482,
0.0000

■ 157.9412,
158.9830, 106.9058

■ 0.1470, 0.0000,
0.0000

194.9978,

■ 0.0000, 0.0000,

196.8779, 137.2057

0.0000

237.4396,
240.3614, 172.7497

■ 28.2316, 27.4476,
11.7926

■ 28.2316, 27.4476,
11.7926

■ 26.6279, 25.1782,
8.3671

■ 30.0821, 29.9358,
16.1484

■ 25.2542, 23.1152,
5.7990

■ 32.1908, 32.6465,
21.4966

■ 24.0941, 21.2507,
4.0074

■ 34.5708, 35.5882,
27.8956

■ 23.1276, 19.5741,
2.8944

■ 37.2336, 38.7677,
35.3989

■ 22.5692, 18.5596,
2.3928

■ 40.1897, 42.1914,
44.0564

■ 43.4494, 45.8654,
53.9148

■ 47.0222, 49.7956,
65.0183

■ 50.9172, 53.9876,
77.4086

■ 55.1431, 58.4469,
91.1259

Harmonies

Analogous

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



32.5363, 27.4476, 15.4463



28.2316, 27.4476, 11.7926



23.7945, 27.4476, 11.9073

Triad

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



28.2316, 27.4476, 11.7926



18.6614, 27.4476, 37.1812



32.7718, 27.4476, 50.4904

Complementary

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



28.2316, 27.4476, 11.7926



18.2753, 18.8467, 43.7486

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.



28.5246, 27.4476, 60.3769



28.2316, 27.4476, 11.7926



20.5537, 27.4476, 51.3186

Square

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



28.2316, 27.4476, 11.7926



18.6021, 27.4476, 24.2976



24.0560, 27.4476, 60.7172



35.3533, 27.4476, 36.2711

Rectangle

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



28.2316, 27.4476, 11.7926



21.3568, 27.4476, 14.0519



24.0560, 27.4476, 60.7172



31.4711, 27.4476, 54.5888

Sweetspot

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



28.2323, 27.4489, 11.7931



66.0892, 68.6113, 60.0835



24.4803, 16.6883, 20.5826



14.1108, 14.6171, 12.4214



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



28.2323, 27.4489, 11.7931



47.8392, 44.9982, 14.2710



33.5682, 40.1760, 13.9685



8.8881, 9.2887, 8.9770



16.6184, 13.7355, 1.7753



0.5793, 0.5449, 0.0747

Inverse Universe

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



18.2753, 18.8467, 43.7486



27.8897, 27.7929, 78.3899



14.9038, 11.2572, 42.4614



8.3293, 8.8048, 10.7668



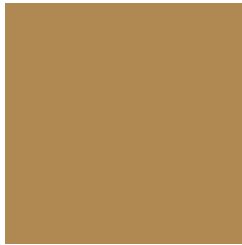
7.6458, 6.0919, 30.9099



0.2989, 0.3083, 0.9920

Previews

White Background



This preview shows how the XYZ color 28.2316, 27.4476, 11.7926 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2316, 27.4476, 11.7926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

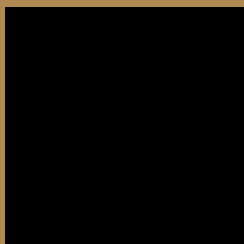
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.2316, 27.4476, 11.7926

Background



This preview shows how black text looks on a background with the XYZ color 28.2316, 27.4476, 11.7926.



This preview shows how white text looks on a background with the XYZ color 28.2316, 27.4476,

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

28.2316, 27.4476, 11.7926

Protanopia

25.3668, 27.4689, 12.5594

Deuteranopia

28.1478, 27.6145, 11.8292



Tritanopia

31.5665, 27.3884, 28.0488

Trichromacy



Original Color

28.2316, 27.4476, 11.7926

Protanomaly

26.2882, 27.2888, 12.2692

Deuteranomaly

28.1478, 27.6145, 11.8292

Tritanomaly

30.1117, 27.3942, 20.8401

Monochromacy



Original Color

28.2316, 27.4476, 11.7926

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.0947, 26.9823, 21.6021

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2316, 27.4476, 11.7926 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(176, 136, 82)` looks like.

```
.text, #text, p{  
    color:rgb(176, 136, 82)  
}
```

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(176, 136, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 136, 82) }
```

Border

The CSS property to change the border of an element to XYZ 28.2316, 27.4476, 11.7926 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(176, 136, 82) }
```


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

```
.border{ border-color:rgb(176, 136, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 136, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 136, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 136, 82);  
box-shadow:4px 4px 4px 4px rgb(176, 136,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2316, 27.4476, 11.7926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 136, 82) }
```

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

```
.background{ background-color: rgb(176,  
136, 82) }
```

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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