

Converting Colors

XYZ(28.3941, 27.6108, 17.7428)

Have a look what the booklet for
XYZ(28.3941, 27.6108, 17.7428)
contains.

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Color

**XYZ(28.3941, 27.6108,
17.7428)**

Conversions

Conversions Part 1

Format	Color
Hex	AB896B
RGB	171, 137, 107
RGB Percent	67%, 54%, 42%
CMY	0.3294, 0.4627, 0.5804
CMYK	0.00, 0.20, 0.37, 0.33
HSL	28°, 28%, 55%
HSV	28°, 37%, 67%
XYZ	28.3941, 27.6108, 17.7428
YIQ	143.7460, 29.8940, -2.1220

Conversions

Conversions Part 2

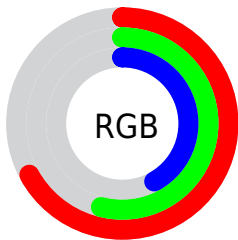
Format	Color
R_{YB}	171, 163, 107
Decimal	11241835
CIE _{Lab}	59.54, 8.66, 20.99
CIE _{LCh}	60, 22.710, 67.578
Yxy	27.6108, 0.3850, 0.3744
Android (android.graphics.Color)	4289431915 (0xFFAB896B)
YUV	143.7460, -18.1158, 23.9018
Hunter-Lab	52.5460, 4.5000, 16.7622

Details

The XYZ color **28.3941, 27.6108, 17.7428** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **22.9386, 25.1149, 42.1668**, and the grayscale version is **26.4698, 27.8483, 30.3268**.

A 20% lighter version of the original color is **56.3500, 55.6610, 40.5746**, and **11.5337, 10.9141, 5.6364** is the 20% darker color. If you saturate the color by 10%, you get **26.3447, 24.8122, 13.0516**, and if you desaturate by 10%, it is **30.7315, 30.7006, 23.4085**.

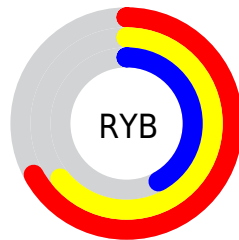
Distribution



Red (67%)

Green (54%)

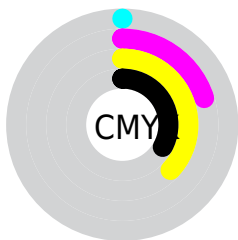
Blue (42%)



Red (67%)

Yellow (64%)

Blue (42%)

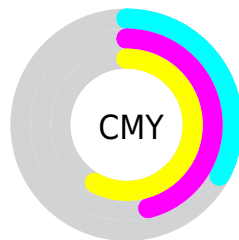


Cyan (0%)

Magenta (20%)

Yellow (37%)

Black (33%)



Cyan (33%)


Magenta (46%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.3941, 27.6108, 17.7428 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 28.3941, 27.6108, 17.7428 by changing the saturation by 10% instead.


 28.3941, 27.6108,
17.7428


 28.3941, 27.6108,
17.7428


286.3914,
290.6025, 251.6046


 18.7649, 18.0325,
10.5980


 56.5173, 55.8625,
40.4066

 11.6035, 10.9733,
5.6864


 75.7420, 75.3046,
56.7626

 6.5446, 6.0489,
2.5897


 98.8959, 98.8035,
77.0261

 3.2227, 2.8748,
0.8871

 126.3444,
126.7434, 101.6156

 1.2726, 1.0667,
0.0000

158.4529,
159.5089, 130.9496

 0.1626, 0.0000,
0.0000

195.5866,

 0.0000, 0.0000,

197.4843, 165.4468

0.0000

238.1110,
241.0541, 205.5256

■ 28.3941, 27.6108,
17.7428

■ 28.3941, 27.6108,
17.7428

■ 26.3447, 24.8122,
13.0516

■ 30.7315, 30.7006,
23.4085

■ 24.5681, 22.2914,
9.2766

■ 33.3672, 34.0867,
30.0986

■ 23.0506, 20.0395,
6.3563


■ 36.3132, 37.7791,
37.8621


■ 21.7760, 18.0454,
4.2204


■ 39.5804, 41.7858,
46.7437


■ 20.7262, 16.2970,
2.7873


■ 43.1790, 46.1147,
56.7861


 19.8742, 14.7785,
1.9314

 47.1189, 50.7733,
68.0294

 19.6755, 14.4197,
1.7463

 51.4092, 55.7689,
80.5120

 56.0591, 61.1086,
94.2703

 60.1122, 66.4131,
104.2585

Harmonies

Analogous

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



30.8404, 27.6108, 21.4562



28.3941, 27.6108, 17.7428



25.5257, 27.6108, 17.0131

Triad

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



28.3941, 27.6108, 17.7428



21.1674, 27.6108, 32.1854



29.7366, 27.6108, 44.3297

Complementary

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



28.3941, 27.6108, 17.7428



22.9386, 25.1149, 42.1668

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.



26.9741, 27.6108, 48.5035



28.3941, 27.6108, 17.7428



22.1272, 27.6108, 40.7106

Square

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



28.3941, 27.6108, 17.7428



21.4872, 27.6108, 24.4547



24.2038, 27.6108, 47.0711



31.6539, 27.6108, 36.4702

Rectangle

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



28.3941, 27.6108, 17.7428



23.7822, 27.6108, 18.1668



24.2038, 27.6108, 47.0711



28.8685, 27.6108, 46.2696

Sweetspot

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



28.3948, 27.6121, 17.7434



62.9803, 65.1032, 62.3387



26.8701, 21.1007, 27.9082



13.8899, 14.3243, 13.4927



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



28.3948, 27.6121, 17.7434



47.7467, 45.2205, 24.6299



33.6117, 38.0459, 19.4823



8.3032, 8.6112, 8.4379



14.8843, 10.9740, 1.3337



0.4691, 0.4154, 0.0555

Inverse Universe

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



22.9386, 25.1149, 42.1668



36.5325, 40.0832, 74.8132



18.8972, 17.0322, 40.8196



7.9178, 8.4351, 10.1635



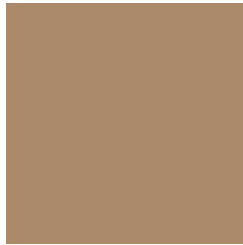
8.4040, 7.9418, 30.1345



0.2880, 0.3293, 0.8564

Previews

White Background



This preview shows how the XYZ color 28.3941, 27.6108, 17.7428 looks on a white background.

Color Contrast Check

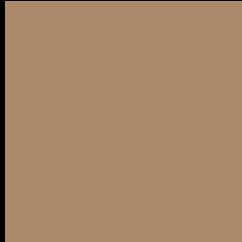
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3941, 27.6108, 17.7428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

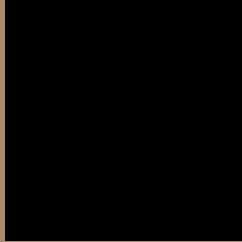
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.3941, 27.6108, 17.7428

Background



This preview shows how black text looks on a background with the XYZ color 28.3941, 27.6108, 17.7428.



This preview shows how white text looks on a background with the XYZ color 28.3941, 27.6108,

17.7428.

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

28.3941, 27.6108, 17.7428

Protanopia

25.7738, 27.5430, 18.7098

Deuteranopia

28.1045, 27.6735, 17.7702



Tritanopia

30.8129, 27.5695, 29.2886

Trichromacy



Original Color

28.3941, 27.6108, 17.7428

Protanomaly

26.7824, 27.6275, 18.3890

Deuteranomaly

28.3199, 27.7845, 17.7803

Tritanomaly

29.9431, 27.6338, 24.5246

Monochromacy



Original Color

28.3941, 27.6108, 17.7428

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.9480, 27.5585, 25.3717

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3941, 27.6108, 17.7428 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(171, 137, 107)` looks like.

```
.text, #text, p{  
    color:rgb(171, 137, 107)  
}
```

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(171, 137, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 137, 107) }
```

Border

The CSS property to change the border of an element to XYZ 28.3941, 27.6108, 17.7428 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(171, 137, 107) }
```


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

```
.border{ border-color:rgb(171, 137, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 137, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 137, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 137, 107);  
box-shadow:4px 4px 4px 4px rgb(171, 137,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3941, 27.6108, 17.7428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 137, 107) }
```

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

```
.background{ background-color: rgb(171,  
137, 107) }
```

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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