

Converting Colors

XYZ(28.2676, 27.7636, 17.5047)

Have a look what the booklet for
XYZ(28.2676, 27.7636, 17.5047)
contains.

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Color

**XYZ(28.2676, 27.7636,
17.5047)**

Conversions

Conversions Part 1

Format	Color
Hex	AA8A6A
RGB	170, 138, 106
RGB Percent	67%, 54%, 42%
CMY	0.3333, 0.4588, 0.5843
CMYK	0.00, 0.19, 0.38, 0.33
HSL	30°, 27%, 54%
HSV	30°, 38%, 67%
XYZ	28.2676, 27.7636, 17.5047
YIQ	143.9200, 29.3440, -3.1680

Conversions

Conversions Part 2

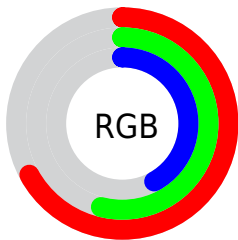
Format	Color
R_{YB}	170, 170, 106
Decimal	11176554
CIE Lab	59.67, 7.57, 21.72
CIE LCh	60, 23.003, 70.798
Yxy	27.7636, 0.3844, 0.3776
Android (android.graphics.Color)	4289366634 (0xFFAA8A6A)
YUV	143.9200, -18.6946, 22.8722
Hunter-Lab	52.6912, 3.5516, 17.1869

Details

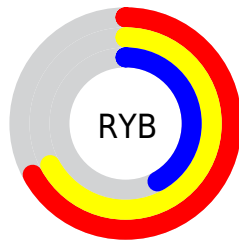
The XYZ color **28.2676, 27.7636, 17.5047** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **22.2878, 24.1427, 41.5157**, and the grayscale version is **26.5422, 27.9245, 30.4098**.

A 20% lighter version of the original color is **56.1664, 55.8990, 40.1770**, and **11.4559, 10.9979, 5.5220** is the 20% darker color. If you saturate the color by 10%, you get **26.2978, 25.1013, 12.9104**, and if you desaturate by 10%, it is **30.5095, 30.6895, 23.0549**.

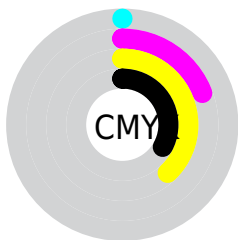
Distribution



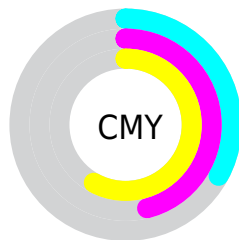
- Red (67%)
- Green (54%)
- Blue (42%)



- Red (67%)
- Yellow (67%)
- Blue (42%)



- Cyan (0%)
- Magenta (19%)
- Yellow (38%)
- Black (33%)





- Cyan (33%)
- Magenta (46%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.2676, 27.7636, 17.5047 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 28.2676, 27.7636, 17.5047 by changing the saturation by 10% instead.


 28.2676, 27.7636,
17.5047


 28.2676, 27.7636,
17.5047

285.8004,
291.3356, 250.2059


 18.6690, 18.1475,
10.4292


 56.3171, 56.1068,
39.9940


 11.5339, 11.0560,
5.5752


 75.4986, 75.6027,
56.2449

 6.4971, 6.1045,
2.5239


 98.6051, 99.1607,
76.3913

 3.1931, 2.9087,
0.8528

 126.0020,
127.1652, 100.8519

 1.2567, 1.0843,
0.0000

158.0546,
160.0005, 130.0451

 0.1504, 0.0000,
0.0000

195.1283,

 0.0000, 0.0000,

198.0511, 164.3895

0.0000

237.5884,
241.7013, 204.3036

■ 28.2676, 27.7636,
17.5047

■ 28.2676, 27.7636,
17.5047

■ 26.2978, 25.1013,
12.9104

■ 30.5095, 30.6895,
23.0549

■ 24.5855, 22.6902,
9.2149

■ 33.0331, 33.8831,
29.6105

■ 23.1175, 20.5225,
6.3574

■ 35.8500, 37.3533,
37.2193

■ 21.8786, 18.5883,
4.2686

■ 38.9704, 41.1074,
45.9256

■ 20.8512, 16.8766,
2.8681

■ 42.4041, 45.1524,
55.7713

■ 20.0085, 15.3728,
2.0276

■ 46.1603, 49.4949,
66.7960

■ 19.8269, 15.0446,
1.8589

■ 50.2479, 54.1414,
79.0372

■ 54.6754, 59.0981,
92.5309

■ 58.7999, 64.1107,
103.8833

Harmonies

Analogous

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



30.8445, 27.7636, 20.9398



28.2676, 27.7636, 17.5047



25.3562, 27.7636, 17.0868

Triad

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



28.2676, 27.7636, 17.5047



21.2755, 27.7636, 33.3255



30.2070, 27.7636, 44.0213

Complementary

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



28.2676, 27.7636, 17.5047



22.2878, 24.1427, 41.5157

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.



27.4483, 27.7636, 48.8130



28.2676, 27.7636, 17.5047



22.3837, 27.7636, 41.9269

Square

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



28.2676, 27.7636, 17.5047



21.4594, 27.7636, 25.2701



24.5945, 27.7636, 47.9831



32.0198, 27.7636, 35.7994

Rectangle

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



28.2676, 27.7636, 17.5047



23.6319, 27.7636, 18.4705



24.5945, 27.7636, 47.9831



29.3515, 27.7636, 46.1492

Sweetspot

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



28.2683, 27.7649, 17.5053



63.1677, 65.4780, 62.4012



26.3193, 20.6894, 26.6513



13.9362, 14.4168, 13.5082



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.



28.2683, 27.7649, 17.5053



48.3332, 46.3934, 24.8254



33.5540, 38.3363, 19.2672



7.8294, 8.1388, 7.9476



14.6406, 11.1785, 1.3860



0.4074, 0.3744, 0.0508

Inverse Universe

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



22.2878, 24.1427, 41.5157



35.9321, 38.8825, 74.6131



18.3539, 16.2749, 40.2044



7.4300, 7.8970, 9.5510



7.7823, 7.0248, 28.9212



0.2406, 0.2733, 0.7207

Previews

White Background



This preview shows how the XYZ color 28.2676, 27.7636, 17.5047 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 28.2676, 27.7636, 17.5047 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 28.2676, 27.7636, 17.5047

Background



This preview shows how black text looks on a background with the XYZ color 28.2676, 27.7636, 17.5047.



This preview shows how white text looks on a background with the XYZ color 28.2676, 27.7636,

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

28.2676, 27.7636, 17.5047

Protanopia

26.0600, 27.9207, 18.4837

Deuteranopia

28.2676, 27.7636, 17.5047



Tritanopia

30.8010, 27.7569, 29.7208

Trichromacy



Original Color

28.2676, 27.7636, 17.5047

Protanomaly

26.8770, 27.9023, 18.1565

Deuteranomaly

28.2676, 27.7636, 17.5047

Tritanomaly

29.9268, 27.8239, 24.9123

Monochromacy



Original Color

28.2676, 27.7636, 17.5047

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.8391, 27.7300, 25.0569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2676, 27.7636, 17.5047 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(170, 138, 106)` looks like.

```
.text, #text, p{  
    color:rgb(170, 138, 106)  
}
```

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(170, 138, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 138, 106) }
```

Border

The CSS property to change the border of an element to XYZ 28.2676, 27.7636, 17.5047 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(170, 138, 106) }
```


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

```
.border{ border-color:rgb(170, 138, 106) }
```

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

Here you see how a box with a 4 pixel rgb(170, 138, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 138, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 138, 106);  
box-shadow:4px 4px 4px 4px rgb(170, 138,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2676, 27.7636, 17.5047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 138, 106) }
```

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

```
.background{ background-color: rgb(170,  
138, 106) }
```

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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