

Converting Colors

XYZ(28.1459, 27.1877, 18.8034)

Have a look what the booklet for
XYZ(28.1459, 27.1877, 18.8034)
contains.

XYZ(28.2510, 27.3021, 18.8198)	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(28.2510, 27.3021,
18.8198)**

Conversions

Conversions Part 1

Format	Color
Hex	AA886F
RGB	170, 136, 111
RGB Percent	67%, 53%, 44%
CMY	0.3333, 0.4666, 0.5647
CMYK	0.00, 0.20, 0.35, 0.33
HSL	25°, 26%, 55%
HSV	25°, 35%, 67%
XYZ	28.2510, 27.3021, 18.8198
YIQ	143.3160, 28.2890, -0.5670

Conversions

Conversions Part 2

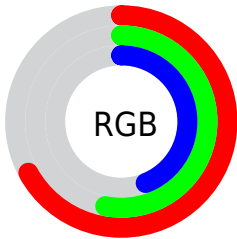
Format	Color
R_{YB}	170, 154, 111
Decimal	11176047
CIE Lab	59.25, 9.32, 18.34
CIE LCh	59, 20.570, 63.065
Yxy	27.3021, 0.3799, 0.3671
Android (android.graphics.Color)	4289366127 (0xFFAA886F)
YUV	143.3160, -15.9318, 23.4019
Hunter-Lab	52.2514, 5.0704, 15.2210

Details

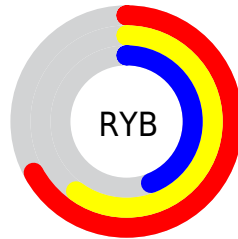
The XYZ color **28.2510, 27.3021, 18.8198** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **23.9364, 26.5317, 41.8898**, and the grayscale version is **26.2891, 27.6582, 30.1198**.

A 20% lighter version of the original color is **56.1725, 55.2083, 42.3460**, and **11.5611, 10.7964, 6.1772** is the 20% darker color. If you saturate the color by 10%, you get **26.0856, 24.3294, 13.9112**, and if you desaturate by 10%, it is **30.7221, 30.6008, 24.7098**.

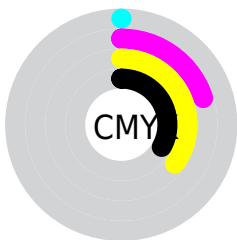
Distribution



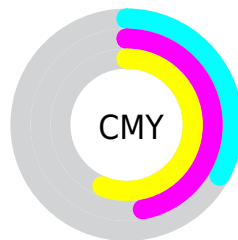
- Red (67%)
- Green (53%)
- Blue (44%)



- Red (67%)
- Yellow (60%)
- Blue (44%)



- Cyan (0%)
- Magenta (20%)
- Yellow (35%)
- Black (33%)





- Cyan (33%)
- Magenta (47%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.2510, 27.3021, 18.8198 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 28.2510, 27.3021, 18.8198 by changing the saturation by 10% instead.


 28.2510, 27.3021,
18.8198


 28.2510, 27.3021,
18.8198


285.7227,
289.1169, 257.8416


 18.6564, 17.8002,
11.3646


 56.2908, 55.3683,
42.2620


 11.5248, 10.8067,
6.1954


 75.4666, 74.7014,
59.0862

 6.4909, 5.9370,
2.8936


 98.5669, 98.0803,
79.8704

 3.1893, 2.8068,
1.0405

 125.9571,
125.8895, 105.0332

 1.2546, 1.0317,
0.0000

158.0023,
158.5134, 134.9932

 0.1489, 0.0000,
0.0000

195.0681,

 0.0000, 0.0000,

196.3363, 170.1690

0.0000

237.5198,
239.7427, 210.9789

■ 28.2510, 27.3021,
18.8198

■ 28.2510, 27.3021,
18.8198

■ 26.0856, 24.3294,
13.9112

■ 30.7221, 30.6008,
24.7098

■ 24.2103, 21.6682,
9.9278

■ 33.5092, 34.2319,
31.6299

■ 22.6112, 19.3082,
6.8103

■ 36.6251, 38.2063,
39.6273

■ 21.2720, 17.2371,
4.4916

■ 40.0808, 42.5335,
48.7458

■ 20.1744, 15.4414,
2.8945

■ 43.8868, 47.2222,
59.0271

■ 19.2970, 13.9060,
1.9255

■ 48.0534, 52.2810,
70.5103

■ 18.8978, 13.1866,
1.5492

■ 52.5901, 57.7181,
83.2329

■ 57.5064, 63.5416,
97.2307

■ 61.3275, 69.1658,
104.7258

Harmonies

Analogous

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



30.3110, 27.3021, 22.6612



28.2510, 27.3021, 18.8198



25.6867, 27.3021, 17.7258

Triad

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



28.2510, 27.3021, 18.8198



21.3255, 27.3021, 30.4898



28.7377, 27.3021, 43.2206

Complementary

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



28.2510, 27.3021, 18.8198



23.9364, 26.5317, 41.8898

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.



26.2147, 27.3021, 46.1993



28.2510, 27.3021, 18.8198



22.0284, 27.3021, 38.1280

Square

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



28.2510, 27.3021, 18.8198



21.7926, 27.3021, 23.7716



23.7771, 27.3021, 44.1982



30.6048, 27.3021, 36.6030

Rectangle

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



28.2510, 27.3021, 18.8198



24.0633, 27.3021, 18.5239



23.7771, 27.3021, 44.1982



27.9325, 27.3021, 44.7259

Sweetspot

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



28.2517, 27.3034, 18.8204



63.2813, 65.2941, 63.7063



27.4053, 21.9725, 29.7538



13.9420, 14.3435, 13.7721



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.



28.2517, 27.3034, 18.8204



48.0513, 45.1468, 26.8367



32.9171, 36.6342, 20.3755



7.7827, 8.0454, 7.9320



13.9544, 9.8061, 1.1573



0.3905, 0.3406, 0.0452

Inverse Universe

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



23.9364, 26.5317, 41.8898



38.9706, 43.5120, 75.3466



20.0473, 18.7537, 40.5935



7.4772, 7.9913, 9.5667



8.6033, 8.6668, 29.1949



0.2584, 0.3090, 0.7267

Previews

White Background



This preview shows how the XYZ color 28.2510, 27.3021, 18.8198 looks on a white background.

Color Contrast Check

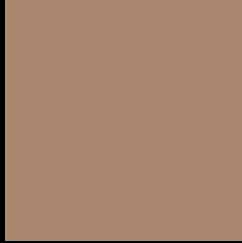
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2510, 27.3021, 18.8198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

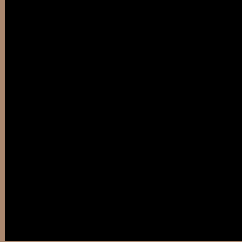
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.2510, 27.3021, 18.8198

Background



This preview shows how black text looks on a background with the XYZ color 28.2510, 27.3021, 18.8198.



This preview shows how white text looks on a background with the XYZ color 28.2510, 27.3021,

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

28.2510, 27.3021, 18.8198

Protanopia

25.8086, 27.5352, 19.8742

Deuteranopia

27.7513, 27.2545, 18.8369



Tritanopia

30.3673, 27.3398, 29.2678

Trichromacy



Original Color

28.2510, 27.3021, 18.8198

Protanomaly

26.6568, 27.3193, 19.4910

Deuteranomaly

27.9634, 27.3638, 18.8468

Tritanomaly

29.4975, 27.1844, 25.1652

Monochromacy



Original Color

28.2510, 27.3021, 18.8198

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.6117, 27.1672, 25.3139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2510, 27.3021, 18.8198 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, 136, 111)` looks like.

```
.text, #text, p{  
    color:rgb(170, 136, 111)  
}
```

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, 136, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 136, 111) }
```

Border

The CSS property to change the border of an element to XYZ 28.2510, 27.3021, 18.8198 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, 136, 111) }
```


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

```
.border{ border-color:rgb(170, 136, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 136, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 136, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 136, 111);  
box-shadow:4px 4px 4px 4px rgb(170, 136,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2510, 27.3021, 18.8198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 136, 111) }
```

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

```
.background{ background-color: rgb(170,  
136, 111) }
```

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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