

Converting Colors

XYZ(26.6112, 26.7014, 22.8203)

Have a look what the booklet for
XYZ(26.6112, 26.7014, 22.8203)
contains.

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Color

**XYZ(26.6312, 26.8003,
22.8381)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 9D8A7C |
| RGB | 157, 138, 124 |
| RGB Percent | 62%, 54%, 49% |
| CMY | 0.3843, 0.4588, 0.5137 |
| CMYK | 0.00, 0.12, 0.21, 0.38 |
| HSL | 25°, 14%, 55% |
| HSV | 25°, 21%, 62% |
| XYZ | 26.6312, 26.8003, 22.8381 |
| YIQ | 142.0850, 15.8180, -0.3260 |

Conversions

Conversions Part 2

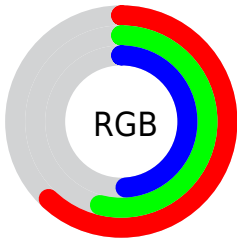
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 157, 148, 124 |
| Decimal | 10324604 |
| CIE _{Lab} | 58.79, 4.81, 10.12 |
| CIE _{LCh} | 59, 11.203, 64.550 |
| Yxy | 26.8003, 0.3492, 0.3514 |
| Android (android.graphics.Color) | 4288514684 (0xFF9D8A7C) |
| YUV | 142.0850, -8.9159, 13.0805 |
| Hunter-Lab | 51.7690, 1.2289, 10.0823 |

Details

The XYZ color **26.6312, 26.8003, 22.8381** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.2202, 26.3636, 35.7106**, and the grayscale version is **25.7752, 27.1175, 29.5309**.

A 20% lighter version of the original color is **53.7180, 54.4330, 49.2703**, and **10.5854, 10.4907, 8.1236** is the 20% darker color. If you saturate the color by 10%, you get **24.4733, 23.9489, 17.6042**, and if you desaturate by 10%, it is **29.0565, 29.9332, 28.9418**.

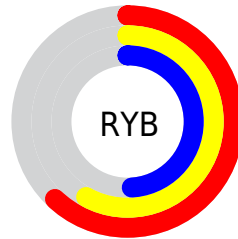
Distribution



Red (62%)

Green (54%)

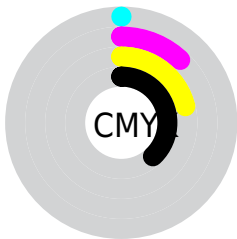
Blue (49%)



Red (62%)

Yellow (58%)

Blue (49%)

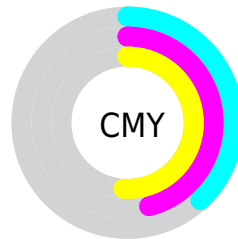


Cyan (0%)

Magenta (12%)

Yellow (21%)

Black (38%)



Cyan (38%)

Magenta (46%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6312, 26.8003, 22.8381 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 26.6312, 26.8003, 22.8381 by changing the saturation by 10% instead.

■ 26.6312, 26.8003,
22.8381

■ 26.6312, 26.8003,
22.8381

278.0672,
286.6889, 279.9873

■ 17.4316, 17.4233,
14.2698

■ 53.7156, 54.5632,
49.0472

■ 10.6399, 10.5368,
8.1677

■ 72.3310, 73.7180,
67.5251

■ 5.8907, 5.7563,
4.1131

■ 94.8158, 96.9008,
90.1432

■ 2.8188, 2.6974,
1.6876

121.5353,
124.4959, 117.3202

■ 1.0587, 0.9759,
0.3522

152.8548,
156.8880, 149.4746

■ 0.0000, 0.0000,
0.0000

189.1398,

194.4612, 187.0248

230.7554,
237.6001, 230.3896

■ 26.6312, 26.8003,
22.8381

■ 26.6312, 26.8003,
22.8381

■ 24.4733, 23.9489,
17.6042

■ 29.0565, 29.9332,
28.9418

■ 22.5707, 21.3671,
13.1981

■ 31.7567, 33.3519,
35.9510

■ 20.9133, 19.0475,
9.5771

■ 34.7414, 37.0650,
43.9018

■ 19.4893, 16.9810,
6.6938

■ 38.0192, 41.0797,
52.8275

■ 18.2862, 15.1577,
4.4954

■ 41.5982, 45.4030,
62.7599

■ 17.2895, 13.5669,
2.9224

■ 45.4864, 50.0415,
73.7294

■ 16.4831, 12.1969,
1.9045

■ 49.6912, 55.0019,
85.7650

■ 15.8895, 11.1376,
1.3123

■ 54.2200, 60.2902,
98.8945

■ 57.3763, 65.2313,
104.1746

Harmonies

Analogous

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



27.7234, 26.8003, 25.0767



26.6312, 26.8003, 22.8381



25.2628, 26.8003, 22.2370

Triad

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



26.6312, 26.8003, 22.8381



22.9163, 26.8003, 29.7885



27.0088, 26.8003, 35.9041

Complementary

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



26.6312, 26.8003, 22.8381



24.2202, 26.3636, 35.7106

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.



25.6841, 26.8003, 37.4381



26.6312, 26.8003, 22.8381



23.3476, 26.8003, 33.7103

Square

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



26.6312, 26.8003, 22.8381



23.1494, 26.8003, 26.0332



24.3486, 26.8003, 36.6013



27.9469, 26.8003, 32.5728

Rectangle

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



26.6312, 26.8003, 22.8381



24.3854, 26.8003, 22.7952



24.3486, 26.8003, 36.6013



26.5923, 26.8003, 36.6601

Sweetspot

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



26.6319, 26.8015, 22.8387



54.3455, 56.5441, 57.7796



26.0894, 23.5745, 29.2615



11.8961, 12.3632, 12.5525



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



26.6319, 26.8015, 22.8387



45.9119, 45.6578, 36.5300



29.1399, 31.8174, 23.6746



6.8529, 7.0857, 6.9922



12.9403, 9.1163, 1.0776



0.2724, 0.2450, 0.0329

Inverse Universe

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



24.2202, 26.3636, 35.7106



40.8374, 44.7349, 63.6091



21.9554, 21.8340, 34.9557



6.5858, 7.0374, 8.4179



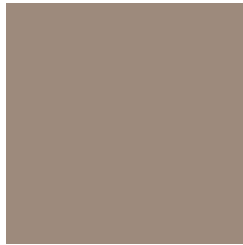
7.9755, 8.0425, 27.0392



0.1840, 0.2265, 0.4973

Previews

White Background



This preview shows how the XYZ color 26.6312, 26.8003, 22.8381 looks on a white background.

Color Contrast Check

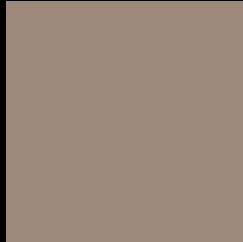
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6312, 26.8003, 22.8381 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 26.6312, 26.8003, 22.8381

Background



This preview shows how black text looks on a background with the XYZ color 26.6312, 26.8003, 22.8381.



This preview shows how white text looks on a background with the XYZ color 26.6312, 26.8003,

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

26.6312, 26.8003, 22.8381

Protanopia

25.5035, 26.8520, 23.5774

Deuteranopia

27.1402, 26.6406, 22.7805



Tritanopia

28.2720, 26.8459, 30.4797

Trichromacy



Original Color

26.6312, 26.8003, 22.8381

Protanomaly

25.8423, 26.8161, 23.2160

Deuteranomaly

27.0810, 26.8201, 22.8183

Tritanomaly

27.6176, 26.7854, 27.3814

Monochromacy



Original Color

26.6312, 26.8003, 22.8381

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.9307, 27.0021, 26.7669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6312, 26.8003, 22.8381 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(157, 138, 124)` looks like.

```
.text, #text, p{  
    color:rgb(157, 138, 124)  
}
```

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(157, 138, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 138, 124) }
```

Border

The CSS property to change the border of an element to XYZ 26.6312, 26.8003, 22.8381 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(157, 138, 124) }
```


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

```
.border{ border-color:rgb(157, 138, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 138, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 138, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 138, 124);  
box-shadow:4px 4px 4px 4px rgb(157, 138,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6312, 26.8003, 22.8381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 138, 124) }
```

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

```
.background{ background-color: rgb(157,  
138, 124) }
```

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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