

Converting Colors

XYZ(26.8192, 24.9366, 14.7480)

Have a look what the booklet for
XYZ(26.8192, 24.9366, 14.7480)
contains.

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Color

**XYZ(26.7603, 24.8125,
14.6881)**

Conversions

Conversions Part 1

Format	Color
Hex	AC7F61
RGB	172, 127, 97
RGB Percent	67%, 50%, 38%
CMY	0.3255, 0.5019, 0.6196
CMYK	0.00, 0.26, 0.44, 0.33
HSL	24°, 31%, 53%
HSV	24°, 44%, 67%
XYZ	26.7603, 24.8125, 14.6881
YIQ	137.0350, 36.4500, 0.2100

Conversions

Conversions Part 2

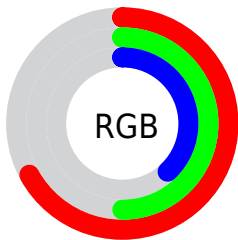
Format	Color
RYB	172, 147, 97
Decimal	11304801
CIELab	56.89, 13.52, 23.10
CIElCh	57, 26.768, 59.669
Yxy	24.8125, 0.4039, 0.3745
Android (android.graphics.Color)	4289494881 (0xFFAC7F61)
YUV	137.0350, -19.7373, 30.6643
Hunter-Lab	49.8121, 8.7233, 17.3857

Details

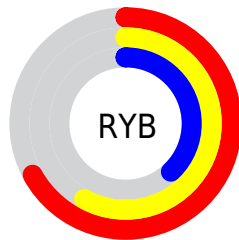
The XYZ color **26.7603, 24.8125, 14.6881** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **22.0487, 24.8649, 42.6669**, and the grayscale version is **23.8543, 25.0965, 27.3301**.

A 20% lighter version of the original color is **53.9797, 51.4386, 35.1006**, and **10.7713, 9.5306, 4.2895** is the 20% darker color. If you saturate the color by 10%, you get **24.7786, 21.9963, 10.4907**, and if you desaturate by 10%, it is **29.0537, 27.9736, 19.8478**.

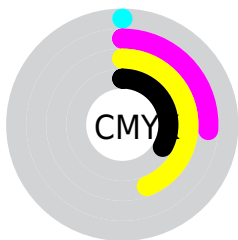
Distribution



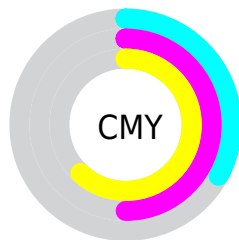
- Red (67%)
- Green (50%)
- Blue (38%)



- Red (67%)
- Yellow (58%)
- Blue (38%)



- Cyan (0%)
- Magenta (26%)
- Yellow (44%)
- Black (33%)





- Cyan (33%)
- Magenta (50%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.7603, 24.8125, 14.6881 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 26.7603, 24.8125, 14.6881 by changing the saturation by 10% instead.


 26.7603, 24.8125,
14.6881


 26.7603, 24.8125,
14.6881


278.6834,
276.9029, 233.0459


 17.5289, 15.9374,
8.4566


 53.9216, 51.3529,
35.0396


 10.7100, 9.4799,
4.2965


 72.5822, 69.7870,
49.9967

 5.9380, 5.0555,
1.7894


 95.1167, 92.1762,
68.6994

 2.8477, 2.2799,
0.4209

 121.8903,
118.9049, 91.5662

 1.0738, 0.7630,
0.0000

153.2684,
150.3575, 119.0158

 0.0030, 0.0000,
0.0000

189.6164,

 0.0000, 0.0000,

186.9185, 151.4665

0.0000

231.2996,
228.9721, 189.3371

■ 26.7603, 24.8125,
14.6881

■ 26.7603, 24.8125,
14.6881

■ 24.7786, 21.9963,
10.4907

■ 29.0537, 27.9736,
19.8478

■ 23.0912, 19.5089,
7.1929

■ 31.6712, 31.4881,
26.0241

■ 21.6819, 17.3376,
4.7270

■ 34.6266, 35.3685,
33.2688

■ 20.5314, 15.4678,
3.0147

■ 37.9325, 39.6256,
41.6300

■ 19.6176, 13.8827,
1.9623

■ 41.6006, 44.2696,
51.1526

■ 19.1296, 13.0035,
1.5017

■ 45.6422, 49.3105,
61.8791

■ 50.0681, 54.7577,
73.8498

■ 54.8884, 60.6205,
87.1033

■ 60.1130, 66.9076,
101.6763

Harmonies

Analogous

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



29.2182, 24.8125, 19.3410



26.7603, 24.8125, 14.6881



23.6184, 24.8125, 13.1698

Triad

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



26.7603, 24.8125, 14.6881



18.0550, 24.8125, 26.9169



26.6947, 24.8125, 44.9632

Complementary

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



26.7603, 24.8125, 14.6881



22.0487, 24.8649, 42.6669

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.



23.5487, 24.8125, 48.2166



26.7603, 24.8125, 14.6881



18.7243, 24.8125, 36.4938

Square

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



26.7603, 24.8125, 14.6881



18.7542, 24.8125, 19.2030



20.6687, 24.8125, 44.8233



29.1780, 24.8125, 36.7054

Rectangle

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



26.7603, 24.8125, 14.6881



21.6124, 24.8125, 13.8034



20.6687, 24.8125, 44.8233



25.6711, 24.8125, 46.7502

Sweetspot

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



26.7609, 24.8137, 14.6886



63.0290, 64.4382, 60.8809



26.1705, 19.2732, 27.9321



13.4346, 13.6615, 12.5770



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.



26.7609, 24.8137, 14.6886



45.1768, 40.2292, 19.4911



32.5360, 36.3639, 16.6136



8.2584, 8.5215, 8.4229



14.2864, 9.7783, 1.1344



0.4519, 0.3809, 0.0497

Inverse Universe

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



22.0487, 24.8649, 42.6669



35.5226, 40.3025, 76.7127



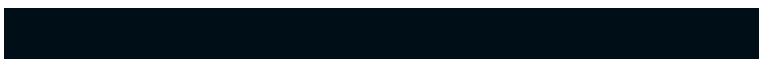
17.3771, 15.5218, 41.1098



7.9634, 8.5262, 10.1787



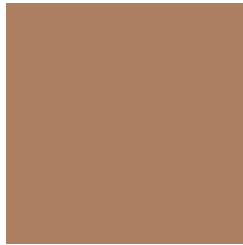
9.2196, 9.5731, 30.4064



0.3081, 0.3696, 0.8631

Previews

White Background



This preview shows how the XYZ color 26.7603, 24.8125, 14.6881 looks on a white background.

Color Contrast Check

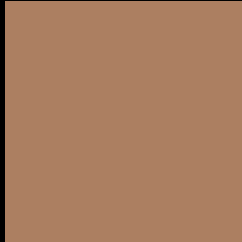
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7603, 24.8125, 14.6881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

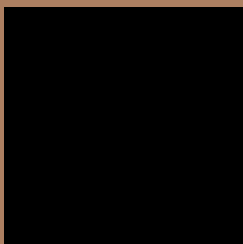
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.7603, 24.8125, 14.6881

Background



This preview shows how black text looks on a background with the XYZ color 26.7603, 24.8125, 14.6881.



This preview shows how white text looks on a background with the XYZ color 26.7603, 24.8125,

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

26.7603, 24.8125, 14.6881

Protanopia

23.3272, 25.0339, 15.9145

Deuteranopia

25.3319, 24.8637, 14.5304



Tritanopia

28.8036, 24.6990, 25.0791

Trichromacy



Original Color

26.7603, 24.8125, 14.6881

Protanomaly

24.3981, 24.7631, 15.5504

Deuteranomaly

25.8198, 24.9168, 14.5149

Tritanomaly

27.9930, 24.7459, 20.7538

Monochromacy



Original Color

26.7603, 24.8125, 14.6881

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.4781, 24.6642, 21.8829

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7603, 24.8125, 14.6881 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(172, 127, 97)` looks like.

```
.text, #text, p{  
    color:rgb(172, 127, 97)  
}
```

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(172, 127, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 127, 97) }
```

Border

The CSS property to change the border of an element to XYZ 26.7603, 24.8125, 14.6881 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(172, 127, 97) }
```


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

```
.border{ border-color:rgb(172, 127, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 127, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 127, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 127, 97);  
box-shadow:4px 4px 4px 4px rgb(172, 127,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7603, 24.8125, 14.6881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 127, 97) }
```

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

```
.background{ background-color: rgb(172,  
127, 97) }
```

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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