

Converting Colors

XYZ(26.3495, 24.4766, 15.8123)

Have a look what the booklet for
XYZ(26.3495, 24.4766, 15.8123)
contains.

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Color

**XYZ(26.2213, 24.3160,
15.8818)**

Conversions

Conversions Part 1

Format	Color
Hex	A97E66
RGB	169, 126, 102
RGB Percent	66%, 49%, 40%
CMY	0.3373, 0.5059, 0.6000
CMYK	0.00, 0.25, 0.40, 0.34
HSL	21°, 28%, 53%
HSV	21°, 40%, 66%
XYZ	26.2213, 24.3160, 15.8818
YIQ	136.1210, 33.3320, 1.6520

Conversions

Conversions Part 2

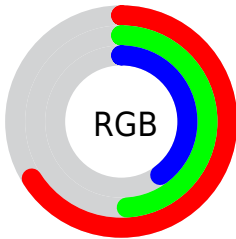
Format	Color
R_{YB}	169, 139, 102
Decimal	11107942
CIE _{Lab}	56.40, 13.41, 19.55
CIE _{LCh}	56, 23.711, 55.552
Yxy	24.3160, 0.3948, 0.3661
Android (android.graphics.Color)	4289298022 (0xFFA97E66)
YUV	136.1210, -16.8217, 28.8349
Hunter-Lab	49.3113, 8.6228, 15.4222




Details

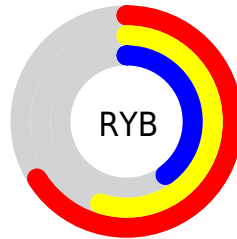
The XYZ color **26.2213, 24.3160, 15.8818** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.7659, 25.9392, 41.3430**, and the grayscale version is **23.4999, 24.7237, 26.9241**.

A 20% lighter version of the original color is **53.2339, 50.7089, 37.1191**, and **10.4137, 9.2284, 4.8468** is the 20% darker color. If you saturate the color by 10%, you get **24.1548, 21.3903, 11.4710**, and if you desaturate by 10%, it is **28.6103, 27.6132, 21.2436**.

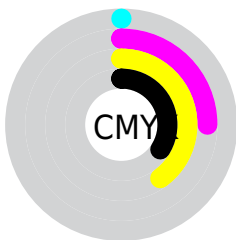
Distribution







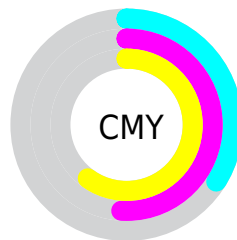
-  Red (66%)
-  Green (49%)
-  Blue (40%)






-  Red (66%)
-  Yellow (55%)
-  Blue (40%)



-  Cyan (0%)
-  Magenta (25%)
-  Yellow (40%)
-  Black (34%)




-  Cyan (34%)
-  Magenta (51%)
-  Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.2213, 24.3160, 15.8818 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 26.2213, 24.3160, 15.8818 by changing the saturation by 10% instead.


 26.2213, 24.3160,
15.8818


 26.2213, 24.3160,
15.8818


276.1036,
274.4142, 240.4651


 17.1228, 15.5682,
9.2871


 53.0605, 50.5454,
37.1568

 10.4179, 9.2191,
4.8296


 71.5319, 68.7957,
52.6742

 5.7413, 4.8844,
2.0906

 93.8584, 90.9824,
72.0029

 2.7276, 2.1796,
0.6102

 120.4052,
117.4898, 95.5615

 1.0114, 0.7088,
0.0000

151.5378,
148.7023, 123.7684

 0.0000, 0.0000,
0.0000

187.6215,

185.0042, 157.0423

229.0216,
226.7801, 195.8017

■ 26.2213, 24.3160,
15.8818

■ 26.2213, 24.3160,
15.8818

■ 24.1548, 21.3903,
11.4710

■ 28.6103, 27.6132,
21.2436

■ 22.3937, 18.8187,
7.9532

■ 31.3341, 31.2912,
27.6068

■ 20.9220, 16.5879,
5.2660

■ 34.4065, 35.3635,
35.0201

■ 19.7212, 14.6818,
3.3383

■ 37.8400, 39.8419,
43.5285

■ 18.7703, 13.0831,
2.0871

■ 41.6464, 44.7374,
53.1743

■ 18.0306, 11.7666,
1.3381

■ 45.8370, 50.0609,
63.9977

■ 18.0068, 11.7243,
1.3139

■ 50.4226, 55.8227,
76.0367

■ 55.4134, 62.0326,
89.3278

■ 60.8194, 68.7005,
103.9058

Harmonies

Analogous

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



28.1975, 24.3160, 20.4871



26.2213, 24.3160, 15.8818



23.5226, 24.3160, 14.1033

Triad

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



26.2213, 24.3160, 15.8818



18.2474, 24.3160, 25.3232



25.4591, 24.3160, 42.5528

Complementary

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



26.2213, 24.3160, 15.8818



22.7659, 25.9392, 41.3430

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.



22.7055, 24.3160, 44.5454



26.2213, 24.3160, 15.8818



18.6773, 24.3160, 33.5311

Square

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



26.2213, 24.3160, 15.8818



19.0340, 24.3160, 18.8262



20.2581, 24.3160, 40.9676



27.7336, 24.3160, 35.9596

Rectangle

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



26.2213, 24.3160, 15.8818



21.7278, 24.3160, 14.4390



20.2581, 24.3160, 40.9676



24.5530, 24.3160, 43.8322

Sweetspot

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



26.2219, 24.3172, 15.8823



60.1450, 61.3909, 59.1224



26.2671, 19.9993, 29.4869



12.9587, 13.1819, 12.5215



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



26.2219, 24.3172, 15.8823



43.5305, 38.6972, 21.1053



31.1501, 34.1735, 17.5250



7.7429, 7.9658, 7.9187



13.4672, 8.8316, 0.9949



0.3760, 0.3116, 0.0403

Inverse Universe

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



22.7659, 25.9392, 41.3430



36.4135, 41.9974, 73.4122



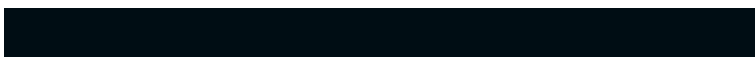
18.4408, 17.2890, 39.9013



7.5181, 8.0731, 9.5804



9.4217, 10.3037, 29.4677



0.2750, 0.3421, 0.7322

Previews

White Background



This preview shows how the XYZ color 26.2213, 24.3160, 15.8818 looks on a white background.

Color Contrast Check

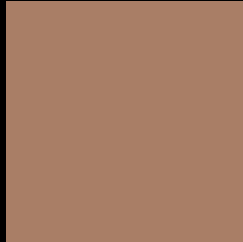
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2213, 24.3160, 15.8818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

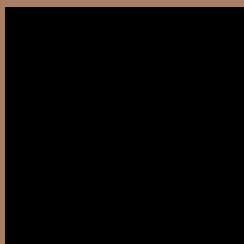
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.2213, 24.3160, 15.8818

Background



This preview shows how black text looks on a background with the XYZ color 26.2213, 24.3160, 15.8818.



This preview shows how white text looks on a background with the XYZ color 26.2213, 24.3160,

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

26.2213, 24.3160, 15.8818

Protanopia

22.7671, 24.2978, 17.1257

Deuteranopia

24.8288, 24.3784, 15.7088



Tritanopia

28.0695, 24.3284, 24.6892

Trichromacy



Original Color

26.2213, 24.3160, 15.8818

Protanomaly

23.9379, 24.2948, 16.7923

Deuteranomaly

25.3035, 24.4266, 15.6931

Tritanomaly

27.2677, 24.1799, 20.9993

Monochromacy



Original Color

26.2213, 24.3160, 15.8818

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.1021, 24.2537, 22.4799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2213, 24.3160, 15.8818 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(169, 126, 102)` looks like.

```
.text, #text, p{  
    color:rgb(169, 126, 102)  
}
```

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(169, 126, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 126, 102) }
```

Border

The CSS property to change the border of an element to XYZ 26.2213, 24.3160, 15.8818 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(169, 126, 102) }
```


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

```
.border{ border-color:rgb(169, 126, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 126, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 126, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 126, 102);  
box-shadow:4px 4px 4px 4px rgb(169, 126,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2213, 24.3160, 15.8818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 126, 102) }
```

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

```
.background{ background-color: rgb(169,  
126, 102) }
```

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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