

Converting Colors

XYZ(26.3645, 25.0646, 17.2033)

Have a look what the booklet for
XYZ(26.3645, 25.0646, 17.2033)
contains.

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Color

**XYZ(26.3100, 25.1129,
17.0962)**

Conversions

Conversions Part 1

Format	Color
Hex	A6826A
RGB	166, 130, 106
RGB Percent	65%, 51%, 42%
CMY	0.3490, 0.4902, 0.5843
CMYK	0.00, 0.22, 0.36, 0.35
HSL	24°, 25%, 53%
HSV	24°, 36%, 65%
XYZ	26.3100, 25.1129, 17.0962
YIQ	138.0280, 29.1600, 0.1680

Conversions

Conversions Part 2

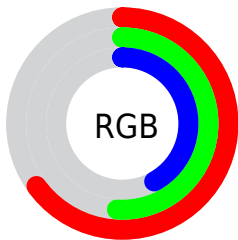
Format	Color
R_{YB}	166, 146, 106
Decimal	10912362
CIE _{Lab}	57.19, 10.41, 18.28
CIE _{LCh}	57, 21.038, 60.355
Yxy	25.1129, 0.3840, 0.3665
Android (android.graphics.Color)	4289102442 (0xFFA6826A)
YUV	138.0280, -15.7898, 24.5314
Hunter-Lab	50.1128, 6.0180, 14.8519

Details

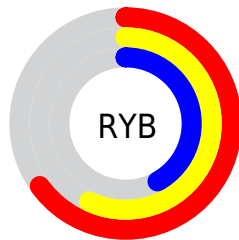
The XYZ color **26.3100, 25.1129, 17.0962** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.4993, 25.1622, 39.7472**, and the grayscale version is **24.2193, 25.4806, 27.7483**.

A 20% lighter version of the original color is **53.1435, 51.8309, 39.1017**, and **10.5419, 9.7113, 5.4565** is the 20% darker color. If you saturate the color by 10%, you get **24.2679, 22.2789, 12.5609**, and if you desaturate by 10%, it is **28.6488, 28.2725, 22.5554**.

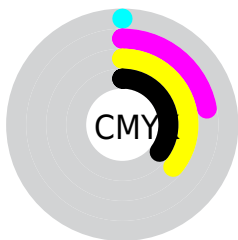
Distribution



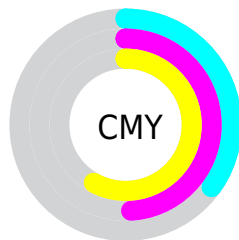
- Red (65%)
- Green (51%)
- Blue (42%)



- Red (65%)
- Yellow (57%)
- Blue (42%)



- Cyan (0%)
- Magenta (22%)
- Yellow (36%)
- Black (35%)





- Cyan (35%)
- Magenta (49%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3100, 25.1129, 17.0962 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 26.3100, 25.1129, 17.0962 by changing the saturation by 10% instead.


 26.3100, 25.1129,
17.0962


 26.3100, 25.1129,
17.0962


276.5294,
278.3997, 247.7888


 17.1896, 16.1612,
10.1404

 53.2024, 51.8403,
39.2840

 10.4659, 9.6383,
5.3853


 71.7051, 70.3848,
55.3531

 5.7736, 5.1598,
2.4124

 94.0659, 92.8957,
75.2971

 2.7472, 2.3413,
0.7932

 120.6502,
119.7574, 99.5345

 1.0215, 0.7955,
0.0000

151.8233,
151.3542, 128.4838

 0.0000, 0.0000,
0.0000

187.9507,

188.0706, 162.5636

229.3976,
230.2910, 202.1924

■ 26.3100, 25.1129,
17.0962

■ 26.3100, 25.1129,
17.0962

■ 24.2679, 22.2789,
12.5609

■ 28.6488, 28.2725,
22.5554

■ 22.5072, 19.7560,
8.8958

■ 31.2947, 31.7648,
28.9849

■ 21.0140, 17.5334,
6.0439

■ 34.2599, 35.6009,
36.4301

■ 19.7725, 15.5984,
3.9407

■ 37.5555, 39.7904,
44.9328

■ 18.7646, 13.9370,
2.5118

■ 41.1919, 44.3425,
54.5325

■ 17.9668, 12.5329,
1.6559

■ 45.1790, 49.2658,
65.2666

■ 17.6982, 12.0516,
1.3934

■ 49.5262, 54.5690,
77.1710

■ 54.2429, 60.2602,
90.2796

■ 59.2731, 66.3215,
104.2850

Harmonies

Analogous

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



28.2317, 25.1129, 20.9980



26.3100, 25.1129, 17.0962



23.8395, 25.1129, 15.8205

Triad

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



26.3100, 25.1129, 17.0962



19.4049, 25.1129, 27.4284



26.3647, 25.1129, 40.9252

Complementary

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



26.3100, 25.1129, 17.0962



22.4993, 25.1622, 39.7472

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.



23.8986, 25.1129, 43.4274



26.3100, 25.1129, 17.0962



19.9807, 25.1129, 34.8541

Square

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



26.3100, 25.1129, 17.0962



19.9545, 25.1129, 21.1212



21.5840, 25.1129, 41.0361



28.2648, 25.1129, 34.6820

Rectangle

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



26.3100, 25.1129, 17.0962



22.2462, 25.1129, 16.4207



21.5840, 25.1129, 41.0361



25.5690, 25.1129, 42.2756

Sweetspot

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



26.3106, 25.1141, 17.0967



59.3817, 61.0103, 59.0444



25.7625, 20.3682, 28.1649



13.1338, 13.4525, 12.8253



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.



26.3106, 25.1141, 17.0967



44.8666, 41.5893, 24.5819



30.8982, 34.2892, 18.6259



7.7682, 8.0165, 7.9272



13.7674, 9.4320, 1.0949



0.3853, 0.3301, 0.0434

Inverse Universe

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



22.4993, 25.1622, 39.7472



36.9518, 41.6741, 71.5716



18.6211, 17.4059, 38.4545



7.4920, 8.0208, 9.5716



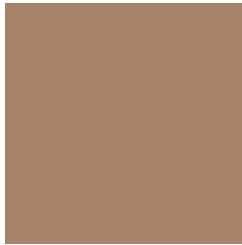
8.8873, 9.2348, 29.2896



0.2642, 0.3207, 0.7286

Previews

White Background



This preview shows how the XYZ color 26.3100, 25.1129, 17.0962 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 26.3100, 25.1129, 17.0962 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 26.3100, 25.1129, 17.0962

Background



This preview shows how black text looks on a background with the XYZ color 26.3100, 25.1129, 17.0962.



This preview shows how white text looks on a background with the XYZ color 26.3100, 25.1129,

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

26.3100, 25.1129, 17.0962

Protanopia

23.5600, 25.1064, 18.0723

Deuteranopia

25.5507, 25.1202, 17.1377



Tritanopia

28.2670, 25.1343, 26.6541

Trichromacy



Original Color

26.3100, 25.1129, 17.0962

Protanomaly

24.3687, 24.9052, 17.7102

Deuteranomaly

25.8221, 25.0597, 17.1117

Tritanomaly

27.4395, 24.9842, 22.7783

Monochromacy



Original Color

26.3100, 25.1129, 17.0962

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.6426, 25.1302, 23.2905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3100, 25.1129, 17.0962 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(166, 130, 106)` looks like.

```
.text, #text, p{  
    color:rgb(166, 130, 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(166, 130, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 130, 106) }
```

Border

The CSS property to change the border of an element to XYZ 26.3100, 25.1129, 17.0962 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(166, 130, 106) }
```


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

```
.border{ border-color:rgb(166, 130, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 130, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 130, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 130, 106);  
box-shadow:4px 4px 4px 4px rgb(166, 130,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3100, 25.1129, 17.0962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 130, 106) }
```

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

```
.background{ background-color: rgb(166,  
130, 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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