

Converting Colors

XYZ(29.9015, 26.5672, 17.4619)

Have a look what the booklet for
XYZ(29.9015, 26.5672, 17.4619)
contains.

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Color

**XYZ(29.9015, 26.5672,
17.4619)**

Conversions

Conversions Part 1

Format	Color
Hex	B7806B
RGB	183, 128, 107
RGB Percent	72%, 50%, 42%
CMY	0.2824, 0.4980, 0.5804
CMYK	0.00, 0.30, 0.42, 0.28
HSL	17°, 35%, 57%
HSV	17°, 42%, 72%
XYZ	29.9015, 26.5672, 17.4619
YIQ	142.0510, 39.5210, 5.1290

Conversions

Conversions Part 2

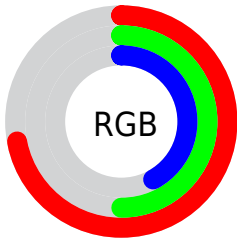
Format	Color
RYB	183, 136, 107
Decimal	12025963
CIELab	58.57, 18.63, 19.91
CIElCh	59, 27.268, 46.903
Yxy	26.5672, 0.4045, 0.3594
Android (android.graphics.Color)	4290216043 (0xFFB7806B)
YUV	142.0510, -17.2801, 35.9123
Hunter-Lab	51.5434, 13.3510, 15.9941

Details

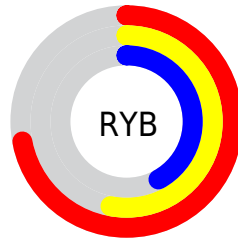
The XYZ color **29.9015, 26.5672, 17.4619** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.5304, 32.3841, 49.5995**, and the grayscale version is **25.7872, 27.1302, 29.5448**.

A 20% lighter version of the original color is **58.9711, 54.2171, 39.7046**, and **12.4159, 10.3537, 5.4818** is the 20% darker color. If you saturate the color by 10%, you get **27.4228, 22.9909, 12.3779**, and if you desaturate by 10%, it is **32.8108, 30.6785, 23.6952**.

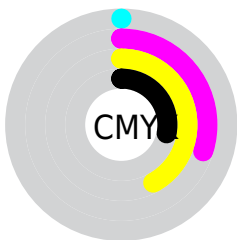
Distribution



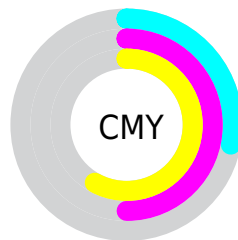
- Red (72%)
- Green (50%)
- Blue (42%)



- Red (72%)
- Yellow (53%)
- Blue (42%)



- Cyan (0%)
- Magenta (30%)
- Yellow (42%)
- Black (28%)





- Cyan (28%)
- Magenta (50%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.9015, 26.5672, 17.4619 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 29.9015, 26.5672, 17.4619 by changing the saturation by 10% instead.


 29.9015, 26.5672,
17.4619


 29.9015, 26.5672,
17.4619


293.3631,
285.5554, 249.9537


 19.9115, 17.2484,
10.3989


 58.8941, 54.1886,
39.9197


 12.4386, 10.4118,
5.5552


 78.6274, 73.2600,
56.1517

 7.1175, 5.6728,
2.5122


 102.3392, 96.3511,
76.2770

 3.5827, 2.6472,
0.8466

 130.3949,
123.8462, 100.7143

 1.4689, 0.9504,
0.0000

163.1597,
156.1298, 129.8821

 0.3045, 0.0000,
0.0000

200.9992,

 0.0000, 0.0000,

193.5863, 164.1989

0.0000

244.2785,
236.6001, 204.0832

■ 29.9015, 26.5672,
17.4619

■ 29.9015, 26.5672,
17.4619

■ 27.4228, 22.9909,
12.3779

■ 32.8108, 30.6785,
23.6952

■ 25.3510, 19.9233,
8.3704

■ 36.1687, 35.3419,
31.1414

■ 23.6631, 17.3413,
5.3608


■ 39.9945, 40.5789,
39.8609


■ 22.3328, 15.2186,
3.2588


■ 44.3059, 46.4082,
49.9100


■ 21.3297, 13.5260,
1.9575


■ 49.1195, 52.8479,
61.3414

 20.6938, 12.3980,
1.3024

 54.4513, 59.9153,
74.2050

 60.3163, 67.6269,
88.5482

 66.7290, 75.9987,
104.4161

 70.8964, 83.9231,
107.0699

Harmonies

Analogous

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



31.9127, 26.5672, 23.8992



29.9015, 26.5672, 17.4619



26.7358, 26.5672, 14.4491

Triad

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



29.9015, 26.5672, 17.4619



19.4950, 26.5672, 24.9538



27.1662, 26.5672, 50.3518

Complementary

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



29.9015, 26.5672, 17.4619



27.5304, 32.3841, 49.5995

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.



23.8229, 26.5672, 50.8109



29.9015, 26.5672, 17.4619



19.5881, 26.5672, 34.6150

Square

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



29.9015, 26.5672, 17.4619



20.8435, 26.5672, 18.0865



21.1101, 26.5672, 44.5548



30.2405, 26.5672, 43.4121

Rectangle

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



29.9015, 26.5672, 17.4619



24.4868, 26.5672, 14.2328



21.1101, 26.5672, 44.5548



26.0316, 26.5672, 51.3153

Sweetspot

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



29.9022, 26.5685, 17.4624



71.1445, 72.0162, 70.2727



31.3733, 23.2177, 37.3533



15.5085, 15.6267, 15.0495



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



29.9022, 26.5685, 17.4624



49.4018, 41.5967, 22.7445



35.6857, 38.1355, 19.3903



9.2013, 9.4055, 9.4374



14.4869, 8.7501, 0.9254



0.5644, 0.4159, 0.0505

Inverse Universe

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



27.5304, 32.3841, 49.5995



44.5407, 53.3814, 88.1918



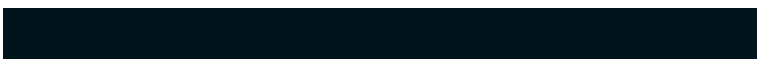
21.9108, 21.1448, 47.7263



9.0512, 9.7796, 11.4900



11.8189, 14.0975, 33.3512



0.4656, 0.5950, 1.1920

Previews

White Background



This preview shows how the XYZ color 29.9015, 26.5672, 17.4619 looks on a white background.

Color Contrast Check

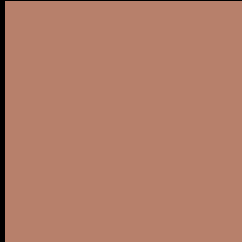
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9015, 26.5672, 17.4619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

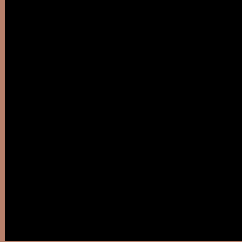
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.9015, 26.5672, 17.4619

Background



This preview shows how black text looks on a background with the XYZ color 29.9015, 26.5672, 17.4619.



This preview shows how white text looks on a background with the XYZ color 29.9015, 26.5672,

17.4619.

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

29.9015, 26.5672, 17.4619

Protanopia

25.0832, 26.7260, 19.4594

Deuteranopia

27.2018, 26.5840, 17.3332



Tritanopia

31.5183, 26.4508, 25.9986

Trichromacy



Original Color

29.9015, 26.5672, 17.4619

Protanomaly

26.5737, 26.4374, 18.7413

Deuteranomaly

28.0864, 26.4274, 17.2564

Tritanomaly

30.7389, 26.3128, 22.5275

Monochromacy



Original Color

29.9015, 26.5672, 17.4619

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.8127, 26.6444, 24.4986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9015, 26.5672, 17.4619 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(183, 128, 107)` looks like.

```
.text, #text, p{  
    color:rgb(183, 128, 107)  
}
```

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(183, 128, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 128, 107) }
```

Border

The CSS property to change the border of an element to XYZ 29.9015, 26.5672, 17.4619 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(183, 128, 107) }
```


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

```
.border{ border-color:rgb(183, 128, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 128, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 128, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 128, 107);  
box-shadow:4px 4px 4px 4px rgb(183, 128,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9015, 26.5672, 17.4619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 128, 107) }
```

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

```
.background{ background-color: rgb(183,  
128, 107) }
```

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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