

Converting Colors

XYZ(30.0686, 26.6300, 18.3193)

Have a look what the booklet for
XYZ(30.0686, 26.6300, 18.3193)
contains.

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Color

**XYZ(30.0621, 26.6314,
18.3078)**

Conversions

Conversions Part 1

Format	Color
Hex	B7806E
RGB	183, 128, 110
RGB Percent	72%, 50%, 43%
CMY	0.2824, 0.4980, 0.5686
CMYK	0.00, 0.30, 0.40, 0.28
HSL	15°, 34%, 57%
HSV	15°, 40%, 72%
XYZ	30.0621, 26.6314, 18.3078
YIQ	142.3930, 38.5580, 6.0620

Conversions

Conversions Part 2

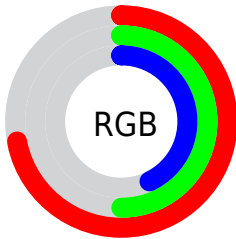
Format	Color
R_{YB}	183, 134, 110
Decimal	12025966
CIE Lab	58.63, 18.98, 18.29
CIE LCh	59, 26.356, 43.936
Yxy	26.6314, 0.4008, 0.3551
Android (android.graphics.Color)	4290216046 (0xFFB7806E)
YUV	142.3930, -15.9697, 35.6123
Hunter-Lab	51.6056, 13.6727, 15.0900

Details

The XYZ color **30.0621, 26.6314, 18.3078** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.4323, 33.6430, 49.7950**, and the grayscale version is **25.9181, 27.2679, 29.6947**.

A 20% lighter version of the original color is **59.3211, 54.3572, 41.5478**, and **12.4960, 10.3858, 5.9035** is the 20% darker color. If you saturate the color by 10%, you get **27.4891, 22.9187, 13.0318**, and if you desaturate by 10%, it is **33.0866, 30.9177, 24.7500**.

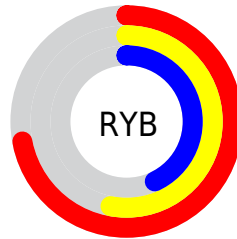
Distribution



Red (72%)

Green (50%)

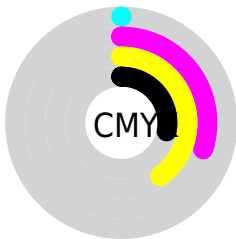
Blue (43%)



Red (72%)

Yellow (53%)

Blue (43%)

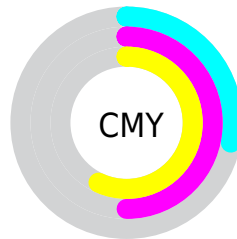


Cyan (0%)

Magenta (30%)

Yellow (40%)

Black (28%)



Cyan (28%)


Magenta (50%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.0621, 26.6314, 18.3078 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 30.0621, 26.6314, 18.3078 by changing the saturation by 10% instead.


 30.0621, 26.6314,
18.3078


 30.0621, 26.6314,
18.3078


294.0984,
285.8680, 254.8944


 20.0340, 17.2966,
10.9995

 59.1463, 54.2918,
41.3821


 12.5282, 10.4462,
5.9523


 78.9332, 73.3862,
57.9852

 7.1792, 5.6958,
2.7478


 102.7037, 96.5026,
78.5236

 3.6218, 2.6610,
0.9673

 130.8232,
124.0253, 103.4158

 1.4905, 0.9574,
0.0000

163.6571,
156.3388, 133.0805

 0.3193, 0.0000,
0.0000

201.5707,

 0.0000, 0.0000,

193.8275, 167.9361

0.0000

244.9294,
236.8758, 208.4013

■ 30.0621, 26.6314,
18.3078

■ 30.0621, 26.6314,
18.3078

■ 27.4891, 22.9187,
13.0318

■ 33.0866, 30.9177,
24.7500

■ 25.3431, 19.7510,
8.8499

■ 36.5815, 35.7970,
32.4214

■ 23.6000, 17.1031,
5.6845


■ 40.5669, 41.2922,
41.3823


■ 22.2325, 14.9461,
3.4470


■ 45.0614, 47.4241,
51.6884


■ 21.2094, 13.2479,
2.0332


■ 50.0824, 54.2124,
63.3924


 20.4788, 11.9663,
1.2361

 55.6464, 61.6761,
76.5440

 20.4719, 11.9542,
1.2284

 61.7693, 69.8331,
91.1904

 68.2399, 78.6103,
106.1844

 72.4156, 86.9616,
107.5763

Harmonies

Analogous

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



31.8436, 26.6314, 24.9141



30.0621, 26.6314, 18.3078



27.0733, 26.6314, 15.0238

Triad

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



30.0621, 26.6314, 18.3078



19.7921, 26.6314, 24.3408



26.8405, 26.6314, 49.9563

Complementary

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



30.0621, 26.6314, 18.3078



28.4323, 33.6430, 49.7950

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.



23.6295, 26.6314, 49.7105



30.0621, 26.6314, 18.3078



19.7414, 26.6314, 33.5034

Square

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



30.0621, 26.6314, 18.3078



21.2363, 26.6314, 17.9655



21.0913, 26.6314, 43.2004



29.8792, 26.6314, 43.8137

Rectangle

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



30.0621, 26.6314, 18.3078



24.8877, 26.6314, 14.6061



21.0913, 26.6314, 43.2004



25.7418, 26.6314, 50.6528

Sweetspot

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



30.0628, 26.6327, 18.3083



70.9274, 71.5821, 70.2003



31.9844, 23.9714, 39.0017



15.4562, 15.5221, 15.0321



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.



30.0628, 26.6327, 18.3083



49.7001, 41.7281, 24.2783



35.5351, 37.5774, 20.1324



9.1798, 9.3625, 9.4302



14.3282, 8.4327, 0.8725



0.5553, 0.3978, 0.0475

Inverse Universe

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



28.4323, 33.6430, 49.7950



46.3410, 55.9958, 88.6016



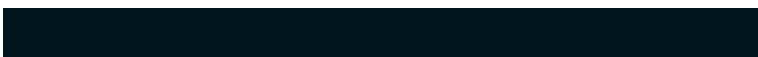
22.8898, 22.5579, 47.9475



9.0740, 9.8253, 11.4976



12.3458, 15.1513, 33.5269



0.4808, 0.6253, 1.1971

Previews

White Background



This preview shows how the XYZ color 30.0621, 26.6314, 18.3078 looks on a white background.

Color Contrast Check

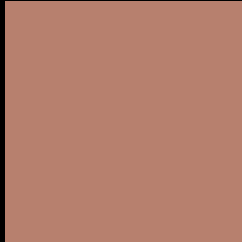
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0621, 26.6314, 18.3078 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 30.0621, 26.6314, 18.3078

Background



This preview shows how black text looks on a background with the XYZ color 30.0621, 26.6314, 18.3078.



This preview shows how white text looks on a background with the XYZ color 30.0621, 26.6314,

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

30.0621, 26.6314, 18.3078

Protanopia

25.2549, 26.7947, 20.3638

Deuteranopia

27.2904, 26.8194, 18.2063



Tritanopia

31.6443, 26.7027, 26.0406

Trichromacy



Original Color

30.0621, 26.6314, 18.3078

Protanomaly

26.7417, 26.5046, 19.6260

Deuteranomaly

28.1611, 26.6498, 18.1277

Tritanomaly

30.9297, 26.5927, 22.9048

Monochromacy



Original Color

30.0621, 26.6314, 18.3078

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.8796, 26.6711, 24.8504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0621, 26.6314, 18.3078 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, 110)` looks like.

```
.text, #text, p{  
    color:rgb(183, 128, 110)  
}
```

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, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 128, 110) }
```

Border

The CSS property to change the border of an element to XYZ 30.0621, 26.6314, 18.3078 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, 110) }
```


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

```
.border{ border-color:rgb(183, 128, 110) }
```

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, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 128, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 128, 110);  
box-shadow:4px 4px 4px 4px rgb(183, 128,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0621, 26.6314, 18.3078 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, 110) }
```

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

```
.background{ background-color: rgb(183,  
128, 110) }
```

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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