

Converting Colors

XYZ(18.2890, 17.6333, 14.4478)

Have a look what the booklet for
XYZ(18.2890, 17.6333, 14.4478)
contains.

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Color

**XYZ(18.3012, 17.6073,
14.4906)**

Conversions

Conversions Part 1

Format	Color
Hex	896F64
RGB	137, 111, 100
RGB Percent	54%, 44%, 39%
CMY	0.4627, 0.5647, 0.6078
CMYK	0.00, 0.19, 0.27, 0.46
HSL	18°, 16%, 46%
HSV	18°, 27%, 54%
XYZ	18.3012, 17.6073, 14.4906
YIQ	117.5200, 19.0270, 2.0910

Conversions

Conversions Part 2

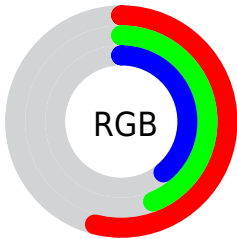
Format	Color
RYB	137, 116, 100
Decimal	9006948
CIELab	49.02, 8.48, 9.99
CIElCh	49, 13.102, 49.657
Yxy	17.6073, 0.3631, 0.3494
Android (android.graphics.Color)	4287197028 (0xFF896F64)
YUV	117.5200, -8.6374, 17.0840
Hunter-Lab	41.9611, 4.4204, 8.8979

Details

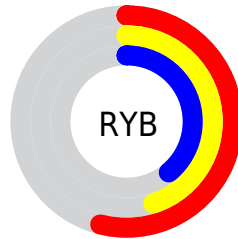
The XYZ color **18.3012, 17.6073, 14.4906** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.2316, 19.4367, 26.5105**, and the grayscale version is **17.0923, 17.9824, 19.5828**.

A 20% lighter version of the original color is **40.1690, 39.5051, 34.7863**, and **6.2579, 5.7905, 4.1560** is the 20% darker color. If you saturate the color by 10%, you get **16.6988, 15.3759, 10.9556**, and if you desaturate by 10%, it is **20.1293, 20.1113, 18.6515**.

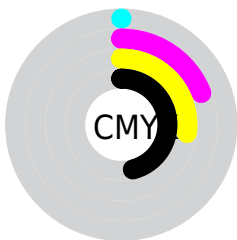
Distribution



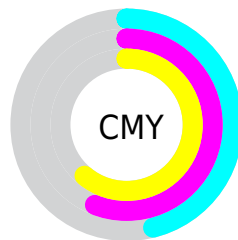
- Red (54%)
- Green (44%)
- Blue (39%)



- Red (54%)
- Yellow (45%)
- Blue (39%)



- Cyan (0%)
- Magenta (19%)
- Yellow (27%)
- Black (46%)



- Cyan (46%)
- Magenta (56%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3012, 17.6073, 14.4906 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 18.3012, 17.6073, 14.4906 by changing the saturation by 10% instead.

■ 18.3012, 17.6073,
14.4906

■ 18.3012, 17.6073,
14.4906

235.5762,
238.6482, 231.7955

■ 11.2674, 10.6684,
8.3200

■ 40.0760, 39.3670,
34.6866

■ 6.3156, 5.8443,
4.2097

■ 55.5477, 54.9567,
49.5491

■ 3.0804, 2.7507,
1.7411

■ 74.5628, 74.1987,
68.1460

■ 1.1964, 1.0030,
0.3887

■ 97.4866, 97.4775,
90.8959

■ 0.1035, 0.0000,
0.0000

124.6845,
125.1774, 118.2172

■ 0.0000, 0.0000,
0.0000

156.5218,

157.6829, 150.5286

193.3639,
195.3784, 188.2485

■ 18.3012, 17.6073,
14.4906

■ 18.3012, 17.6073,
14.4906

■ 16.6988, 15.3759,
10.9556

■ 20.1293, 20.1113,
18.6515

■ 15.3116, 13.4054,
8.0147

■ 22.1902, 22.8945,
23.4655

■ 14.1301, 11.6866,
5.6352

■ 24.4926, 25.9661,
28.9598

■ 13.1438, 10.2089,
3.7807

■ 27.0442, 29.3342,
35.1595

■ 12.3410, 8.9609,
2.4104

■ 29.8524, 33.0066,
42.0886

■ 11.7085, 7.9302,
1.4773

■ 32.9242, 36.9908,
49.7697

■ 11.2256, 7.1006,
0.8967

■ 36.2664, 41.2941,
58.2247

■ 11.1005, 6.8863,
0.7441

■ 39.8856, 45.9233,
67.4745

■ 43.7880, 50.8854,
77.5392

Harmonies

Analogous

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



19.0444, 17.6073, 16.9978



18.3012, 17.6073, 14.4906



17.1602, 17.6073, 13.2895

Triad

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



18.3012, 17.6073, 14.4906



14.5307, 17.6073, 17.9895



17.5373, 17.6073, 26.2244

Complementary

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



18.3012, 17.6073, 14.4906



17.2316, 19.4367, 26.5105

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.



16.3173, 17.6073, 26.5740



18.3012, 17.6073, 14.4906



14.6206, 17.6073, 21.5227

Square

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



18.3012, 17.6073, 14.4906



15.0092, 17.6073, 15.1405



15.2612, 17.6073, 24.7650



18.5887, 17.6073, 23.8608

Rectangle

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



18.3012, 17.6073, 14.4906



16.3446, 17.6073, 13.2785



15.2612, 17.6073, 24.7650



17.1320, 17.6073, 26.5914

Sweetspot

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



18.3017, 17.6081, 14.4910



39.2847, 40.3903, 40.9518



18.6732, 15.9527, 22.0091



8.6955, 8.9035, 8.9128



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



18.3017, 17.6081, 14.4910



31.0906, 29.1961, 22.2083



20.4650, 21.9347, 15.2121



5.1462, 5.2753, 5.2994



10.3496, 6.4335, 0.6963



0.0803, 0.0658, 0.0085

Inverse Universe

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



17.2316, 19.4367, 26.5105



28.8597, 32.9969, 47.2311



15.1354, 15.2444, 25.8117



5.0494, 5.4417, 6.3901



8.1353, 9.5409, 23.4585



0.0668, 0.0890, 0.1601

Previews

White Background



This preview shows how the XYZ color 18.3012, 17.6073, 14.4906 looks on a white background.

Color Contrast Check

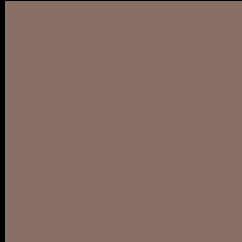
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 18.3012, 17.6073, 14.4906 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 18.3012, 17.6073, 14.4906

Background



This preview shows how black text looks on a background with the XYZ color 18.3012, 17.6073, 14.4906.

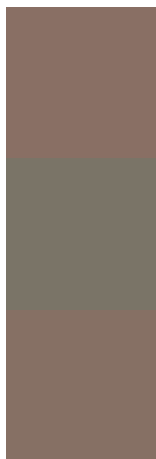


This preview shows how white text looks on a background with the XYZ color 18.3012, 17.6073,

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

18.3012, 17.6073, 14.4906

Protanopia

16.7196, 17.6076, 15.3494

Deuteranopia

17.9259, 17.5768, 14.5044



Tritanopia

19.3270, 17.7106, 19.2295

Trichromacy



Original Color

18.3012, 17.6073, 14.4906

Protanomaly

17.1680, 17.5060, 15.0445

Deuteranomaly

18.0861, 17.6593, 14.5119

Tritanomaly

18.9264, 17.7028, 17.4584

Monochromacy



Original Color

18.3012, 17.6073, 14.4906

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.4574, 17.7691, 17.5486

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3012, 17.6073, 14.4906 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(137, 111, 100)` looks like.

```
.text, #text, p{  
    color:rgb(137, 111, 100)  
}
```

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(137, 111, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 111, 100) }
```

Border

The CSS property to change the border of an element to XYZ 18.3012, 17.6073, 14.4906 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(137, 111, 100) }
```


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

```
.border{ border-color:rgb(137, 111, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 111, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 111, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 111, 100);  
box-shadow:4px 4px 4px 4px rgb(137, 111,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3012, 17.6073, 14.4906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 111, 100) }
```

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

```
.background{ background-color: rgb(137,  
111, 100) }
```

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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