

Converting Colors

XYZ(18.1536, 17.3070, 14.8174)

Have a look what the booklet for
XYZ(18.1536, 17.3070, 14.8174)
contains.

XYZ(18.2414, 17.4098, 14.7109)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(18.2414, 17.4098,
14.7109)**

Conversions

Conversions Part 1

Format	Color
Hex	896E65
RGB	137, 110, 101
RGB Percent	54%, 43%, 40%
CMY	0.4627, 0.5686, 0.6039
CMYK	0.00, 0.20, 0.26, 0.46
HSL	15°, 15%, 47%
HSV	15°, 26%, 54%
XYZ	18.2414, 17.4098, 14.7109
YIQ	117.0470, 18.9810, 2.9250

Conversions

Conversions Part 2

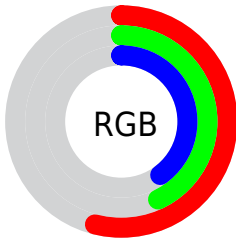
Format	Color
R_{YB}	137, 113, 101
Decimal	9006693
CIE Lab	48.77, 9.22, 9.05
CIE LCh	49, 12.919, 44.472
Yxy	17.4098, 0.3622, 0.3457
Android (android.graphics.Color)	4287196773 (0xFF896E65)
YUV	117.0470, -7.9112, 17.4988
Hunter-Lab	41.7251, 5.0180, 8.3038

Details

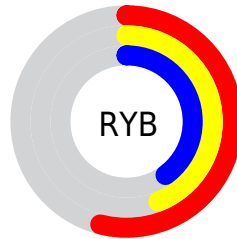
The XYZ color **18.2414, 17.4098, 14.7109** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.6011, 20.0106, 26.6017**, and the grayscale version is **16.9431, 17.8254, 19.4119**.

A 20% lighter version of the original color is **40.0737, 39.1840, 35.1569**, and **6.2262, 5.6900, 4.2602** is the 20% darker color. If you saturate the color by 10%, you get **16.5804, 15.0740, 11.1171**, and if you desaturate by 10%, it is **20.1438, 20.0491, 18.9377**.

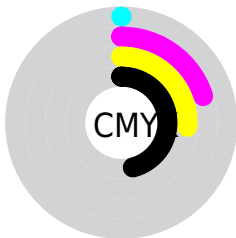
Distribution



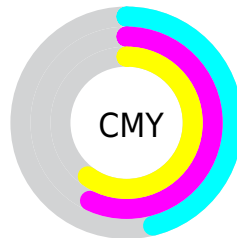
- Red (54%)
- Green (43%)
- Blue (40%)



- Red (54%)
- Yellow (44%)
- Blue (40%)



- Cyan (0%)
- Magenta (20%)
- Yellow (26%)
- Black (46%)




- Cyan (46%)
- Magenta (57%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 18.2414, 17.4098, 14.7109 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 18.2414, 17.4098, 14.7109 by changing the saturation by 10% instead.


 18.2414, 17.4098,
14.7109


 18.2414, 17.4098,
14.7109


235.2476,
237.5230, 233.1898


 11.2242, 10.5271,
8.4724


 39.9751, 39.0290,
35.0803


 6.2862, 5.7498,
4.3066


 55.4223, 54.5344,
50.0483

 3.0622, 2.6936,
1.7950

 74.4102, 73.6827,
68.7631

 1.1867, 0.9739,
0.4247

 97.3041, 96.8584,
91.6434

 0.0959, 0.0000,
0.0000

124.4695,
124.4459, 119.1077

 0.0000, 0.0000,
0.0000

156.2716,

156.8295, 151.5745

193.0758,
194.3938, 189.4624

■ 18.2414, 17.4098,
14.7109

■ 18.2414, 17.4098,
14.7109

■ 16.5804, 15.0740,
11.1171

■ 20.1438, 20.0491,
18.9377

■ 15.1496, 13.0283,
8.1245

■ 22.2954, 22.9998,
23.8250

■ 13.9387, 11.2618,
5.7003

■ 24.7057, 26.2727,
29.3999

■ 12.9361, 9.7621,
3.8080

■ 27.3830, 29.8771,
35.6878

■ 12.1293, 8.5158,
2.4069

■ 30.3353, 33.8221,
42.7126

■ 11.5041, 7.5082,
1.4501

■ 33.5701, 38.1165,
50.4973

■ 11.0404, 6.7213,
0.8619

■ 37.0950, 42.7686,
59.0639

■ 10.8961, 6.4774,
0.6760

■ 40.9169, 47.7864,
68.4332

■ 45.0426, 53.1779,
78.6255

Harmonies

Analogous

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



18.8728, 17.4098, 17.3593



18.2414, 17.4098, 14.7109



17.1701, 17.4098, 13.2979

Triad

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



18.2414, 17.4098, 14.7109



14.4314, 17.4098, 17.2491



17.1282, 17.4098, 26.0664

Complementary

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



18.2414, 17.4098, 14.7109



17.6011, 20.0106, 26.6017

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.



15.9401, 17.4098, 26.0277



18.2414, 17.4098, 14.7109



14.4214, 17.4098, 20.6484

Square

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



18.2414, 17.4098, 14.7109



14.9898, 17.4098, 14.6387



14.9618, 17.4098, 23.9488



18.2095, 17.4098, 24.0490

Rectangle

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



18.2414, 17.4098, 14.7109



16.3690, 17.4098, 13.1249



14.9618, 17.4098, 23.9488



16.7273, 17.4098, 26.3005

Sweetspot

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



18.2419, 17.4106, 14.7113



39.1599, 40.1407, 40.9102



18.8666, 16.1844, 22.5517



8.6633, 8.8392, 8.9021



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.



18.2419, 17.4106, 14.7113



30.7066, 28.4280, 22.0803



20.3848, 21.6964, 15.4256



5.1279, 5.2387, 5.2933



10.1582, 6.0507, 0.6325



0.0777, 0.0606, 0.0076

Inverse Universe

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



17.6011, 20.0106, 26.6017



29.3388, 33.9550, 47.3908



15.4583, 15.7249, 25.8874



5.0687, 5.4804, 6.3965



8.7096, 10.6896, 23.6499



0.0695, 0.0942, 0.1610

Previews

White Background



This preview shows how the XYZ color 18.2414, 17.4098, 14.7109 looks on a white background.

Color Contrast Check

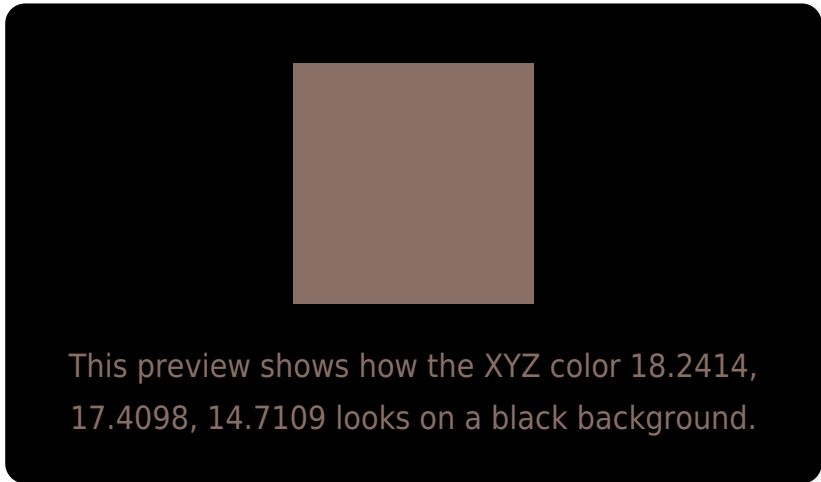
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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

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

XYZ 18.2414, 17.4098, 14.7109

Background



This preview shows how black text looks on a background with the XYZ color 18.2414, 17.4098, 14.7109.

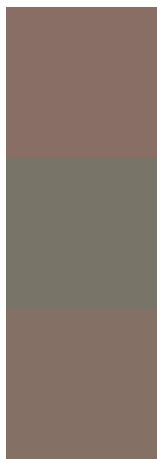


This preview shows how white text looks on a background with the XYZ color 18.2414, 17.4098,

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

18.2414, 17.4098, 14.7109

Protanopia

16.6292, 17.5552, 15.6087

Deuteranopia

17.8160, 17.5145, 14.7535



Tritanopia

19.1624, 17.4750, 18.8860

Trichromacy



Original Color

18.2414, 17.4098, 14.7109

Protanomaly

17.2179, 17.5259, 15.3073

Deuteranomaly

17.8649, 17.3768, 14.7244

Tritanomaly

18.8191, 17.4882, 17.4226

Monochromacy



Original Color

18.2414, 17.4098, 14.7109

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.1987, 17.4674, 17.5040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2414, 17.4098, 14.7109 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, 110, 101)` looks like.

```
.text, #text, p{  
    color:rgb(137, 110, 101)  
}
```

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, 110, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 110, 101) }
```

Border

The CSS property to change the border of an element to XYZ 18.2414, 17.4098, 14.7109 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, 110, 101) }
```


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

```
.border{ border-color:rgb(137, 110, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 110, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 110, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 110, 101);  
box-shadow:4px 4px 4px 4px rgb(137, 110,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2414, 17.4098, 14.7109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 110, 101) }
```

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

```
.background{ background-color: rgb(137,  
110, 101) }
```

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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