

Converting Colors

XYZ(18.3800, 17.1385, 13.7755)

Have a look what the booklet for
XYZ(18.3800, 17.1385, 13.7755)
contains.

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Color

**XYZ(18.3824, 17.1824,
13.9030)**

Conversions

Conversions Part 1

Format	Color
Hex	8C6C62
RGB	140, 108, 98
RGB Percent	55%, 42%, 38%
CMY	0.4510, 0.5765, 0.6157
CMYK	0.00, 0.23, 0.30, 0.45
HSL	14°, 18%, 47%
HSV	14°, 30%, 55%
XYZ	18.3824, 17.1824, 13.9030
YIQ	116.4280, 22.2820, 3.6740

Conversions

Conversions Part 2

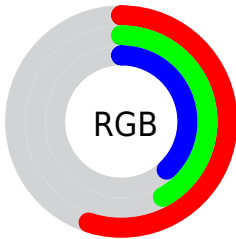
Format	Color
R_{YB}	140, 111, 98
Decimal	9202786
CIE _{Lab}	48.49, 11.18, 10.48
CIE _{LCh}	48, 15.322, 43.137
Yxy	17.1824, 0.3716, 0.3473
Android (android.graphics.Color)	4287392866 (0xFF8C6C62)
YUV	116.4280, -9.0850, 20.6726
Hunter-Lab	41.4517, 6.6183, 9.1301

Details

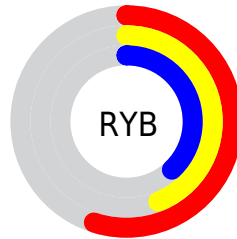
The XYZ color **18.3824, 17.1824, 13.9030** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.7531, 20.4549, 27.8236**, and the grayscale version is **16.7546, 17.6271, 19.1959**.

A 20% lighter version of the original color is **40.2438, 38.7809, 33.7982**, and **6.3555, 5.6035, 3.9954** is the 20% darker color. If you saturate the color by 10%, you get **16.7215, 14.8275, 10.3684**, and if you desaturate by 10%, it is **20.2975, 19.8604, 18.0932**.

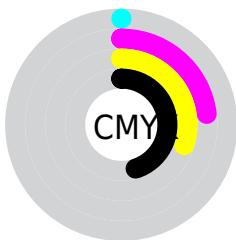
Distribution



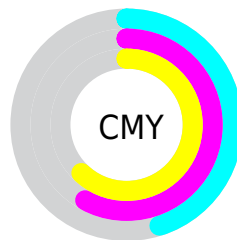
- Red (55%)
- Green (42%)
- Blue (38%)



- Red (55%)
- Yellow (44%)
- Blue (38%)



- Cyan (0%)
- Magenta (23%)
- Yellow (30%)
- Black (45%)





- Cyan (45%)
- Magenta (58%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 18.3824, 17.1824, 13.9030 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 18.3824, 17.1824, 13.9030 by changing the saturation by 10% instead.


 18.3824, 17.1824,
13.9030


 18.3824, 17.1824,
13.9030


236.0218,
236.2213, 228.0340


 11.3262, 10.3646,
7.9153


 40.2128, 38.6391,
33.6315


 6.3556, 5.6414,
3.9538


 55.7178, 54.0468,
48.2093

 3.1052, 2.6283,
1.6000


 74.7698, 73.0867,
66.4875

 1.2096, 0.9409,
0.2908

 97.7341, 96.1430,
88.8847

 0.1140, 0.0000,
0.0000

124.9761,
123.6003, 115.8194

 0.0000, 0.0000,
0.0000

156.8612,

155.8428, 147.7101

193.7546,
193.2550, 184.9755

■ 18.3824, 17.1824,
13.9030

■ 18.3824, 17.1824,
13.9030

■ 16.7215, 14.8275,
10.3684

■ 20.2975, 19.8604,
18.0932

■ 15.3025, 12.7811,
7.4550

■ 22.4757, 22.8708,
22.9690

■ 14.1140, 11.0307,
5.1268

■ 24.9272, 26.2254,
28.5596

■ 13.1431, 9.5624,
3.3436

■ 27.6612, 29.9347,
34.8925

■ 12.3757, 8.3609,
2.0602

■ 30.6863, 34.0088,
41.9934

■ 11.7955, 7.4092,
1.2239

■ 34.0111, 38.4574,
49.8871

■ 11.3687, 6.6823,
0.6906

■ 37.6435, 43.2897,
58.5970

■ 11.3687, 6.6823,
0.6906

■ 41.5913, 48.5147,
68.1458

■ 45.8619, 54.1411,
78.5551

Harmonies

Analogous

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



19.1050, 17.1824, 17.0053



18.3824, 17.1824, 13.9030



17.1274, 17.1824, 12.2401

Triad

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



18.3824, 17.1824, 13.9030



13.8808, 17.1824, 16.5536



16.9529, 17.1824, 27.2967

Complementary

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



18.3824, 17.1824, 13.9030



17.7531, 20.4549, 27.8236

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.



15.5604, 17.1824, 27.1296



18.3824, 17.1824, 13.9030



13.8400, 17.1824, 20.5222

Square

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



18.3824, 17.1824, 13.9030



14.5535, 17.1824, 13.6133



14.4388, 17.1824, 24.5110



18.2484, 17.1824, 24.9393

Rectangle

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



18.3824, 17.1824, 13.9030



16.1840, 17.1824, 11.9998



14.4388, 17.1824, 24.5110



16.4796, 17.1824, 27.5429

Sweetspot

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



18.3829, 17.1832, 13.9034



39.9574, 40.7783, 41.2457



19.2258, 15.9281, 23.2508



9.0840, 9.2270, 9.2255



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



18.3829, 17.1832, 13.9034



30.3821, 27.4266, 20.1765



20.8439, 22.1053, 14.7237



5.1233, 5.2295, 5.2918



10.1151, 5.9646, 0.6182



0.0770, 0.0593, 0.0074

Inverse Universe

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



17.7531, 20.4549, 27.8236



29.0815, 34.1434, 48.8005



15.2609, 15.4704, 26.9928



5.0736, 5.4902, 6.3981



8.8617, 10.9937, 23.7006



0.0701, 0.0955, 0.1612

Previews

White Background



This preview shows how the XYZ color 18.3824, 17.1824, 13.9030 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 18.3824, 17.1824, 13.9030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

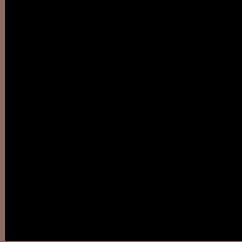
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.3824, 17.1824, 13.9030

Background



This preview shows how black text looks on a background with the XYZ color 18.3824, 17.1824, 13.9030.

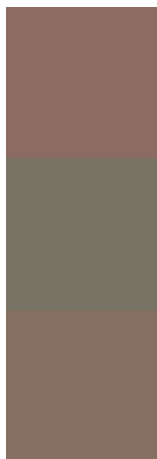


This preview shows how white text looks on a background with the XYZ color 18.3824, 17.1824,

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

18.3824, 17.1824, 13.9030

Protanopia

16.4142, 17.2857, 15.0417

Deuteranopia

17.5150, 17.2185, 13.7096



Tritanopia

19.3466, 17.2738, 18.2341

Trichromacy



Original Color

18.3824, 17.1824, 13.9030

Protanomaly

17.0452, 17.1171, 14.7175

Deuteranomaly

17.8869, 17.2492, 13.6959

Tritanomaly

18.9490, 17.2608, 16.5203

Monochromacy



Original Color

18.3824, 17.1824, 13.9030

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.1229, 17.2744, 16.8998

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3824, 17.1824, 13.9030 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(140, 108, 98)` looks like.

```
.text, #text, p{  
    color:rgb(140, 108, 98)  
}
```

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(140, 108, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 108, 98) }
```

Border

The CSS property to change the border of an element to XYZ 18.3824, 17.1824, 13.9030 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(140, 108, 98) }
```


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

```
.border{ border-color:rgb(140, 108, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 108, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 108, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 108, 98);  
box-shadow:4px 4px 4px 4px rgb(140, 108,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3824, 17.1824, 13.9030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 108, 98) }
```

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

```
.background{ background-color: rgb(140,  
108, 98) }
```

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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