

Converting Colors

XYZ(18.8711, 17.8264, 13.9089)

Have a look what the booklet for
XYZ(18.8711, 17.8264, 13.9089)
contains.

XYZ(18.7650, 17.6964, 13.9820)	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(18.7650, 17.6964,
13.9820)**

Conversions

Conversions Part 1

Format	Color
Hex	8D6E62
RGB	141, 110, 98
RGB Percent	55%, 43%, 38%
CMY	0.4471, 0.5686, 0.6157
CMYK	0.00, 0.22, 0.30, 0.45
HSL	17°, 18%, 47%
HSV	17°, 30%, 55%
XYZ	18.7650, 17.6964, 13.9820
YIQ	117.9010, 22.3280, 2.8400

Conversions

Conversions Part 2

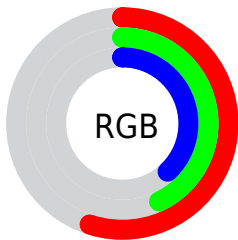
Format	Color
R_{YB}	141, 115, 98
Decimal	9268834
CIE _{Lab}	49.13, 10.43, 11.38
CIE _{LCh}	49, 15.439, 47.507
Yxy	17.6964, 0.3720, 0.3508
Android (android.graphics.Color)	4287458914 (0xFF8D6E62)
YUV	117.9010, -9.8112, 20.2578
Hunter-Lab	42.0671, 6.0067, 9.7405

Details

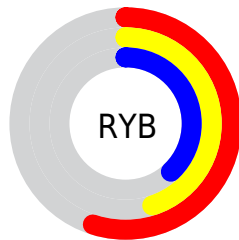
The XYZ color **18.7650, 17.6964, 13.9820** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.6947, 20.2196, 28.1694**, and the grayscale version is **17.2141, 18.1106, 19.7224**.

A 20% lighter version of the original color is **40.8508, 39.6127, 33.9267**, and **6.5589, 5.8668, 4.0355** is the 20% darker color. If you saturate the color by 10%, you get **17.1226, 15.3848, 10.4343**, and if you desaturate by 10%, it is **20.6514, 20.3082, 18.1901**.

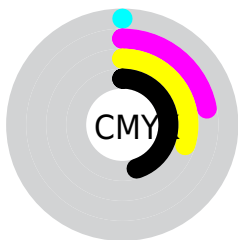
Distribution



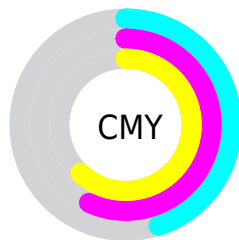
- Red (55%)
- Green (43%)
- Blue (38%)



- Red (55%)
- Yellow (45%)
- Blue (38%)



- Cyan (0%)
- Magenta (22%)
- Yellow (30%)
- Black (45%)



- Cyan (45%)
- Magenta (57%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.7650, 17.6964, 13.9820 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 18.7650, 17.6964, 13.9820 by changing the saturation by 10% instead.

■ 18.7650, 17.6964,
13.9820

■ 18.7650, 17.6964,
13.9820

238.1114,
239.1542, 228.5434

■ 11.6036, 10.7322,
7.9695

■ 40.8566, 39.5193,
33.7738

■ 6.5446, 5.8871,
3.9880

■ 56.5175, 55.1469,
48.3901

■ 3.2228, 2.7765,
1.6187

■ 75.7422, 74.4310,
66.7116

■ 1.2726, 1.0162,
0.3041

■ 98.8962, 97.7561,
89.1566

■ 0.1626, 0.0000,
0.0000

126.3447,
125.5066, 116.1437

■ 0.0000, 0.0000,
0.0000

158.4532,

158.0668, 148.0915

195.5870,
195.8212, 185.4186

■ 18.7650, 17.6964,
13.9820

■ 18.7650, 17.6964,
13.9820

■ 17.1226, 15.3848,
10.4343

■ 20.6514, 20.3082,
18.1901

■ 15.7126, 13.3601,
7.5121

■ 22.7902, 23.2280,
23.0890

■ 14.5240, 11.6113,
5.1789

■ 25.1911, 26.4665,
28.7083

■ 13.5448, 10.1261,
3.3939

■ 27.8627, 30.0332,
35.0757

■ 12.7616, 8.8910,
2.1111

■ 30.8133, 33.9369,
42.2174

■ 12.1589, 7.8910,
1.2767

■ 34.0510, 38.1864,
50.1583

■ 11.7218, 7.1374,
0.7599

■ 37.5832, 42.7900,
58.9223

■ 41.4173, 47.7557,
68.5321

■ 45.5605, 53.0913,
79.0096

Harmonies

Analogous

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



19.6077, 17.6964, 16.9750



18.7650, 17.6964, 13.9820



17.4274, 17.6964, 12.5038

Triad

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



18.7650, 17.6964, 13.9820



14.2533, 17.6964, 17.5998



17.6686, 17.6964, 27.8853

Complementary

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



18.7650, 17.6964, 13.9820



17.6947, 20.2196, 28.1694

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.



16.2267, 17.6964, 28.1163



18.7650, 17.6964, 13.9820



14.3097, 17.6964, 21.7596

Square

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



18.7650, 17.6964, 13.9820



14.8555, 17.6964, 14.3828



15.0141, 17.6964, 25.7430



18.9503, 17.6964, 25.1511

Rectangle

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



18.7650, 17.6964, 13.9820



16.4599, 17.6964, 12.4140



15.0141, 17.6964, 25.7430



17.1851, 17.6964, 28.2710

Sweetspot

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



18.7655, 17.6972, 13.9824



41.3469, 42.3205, 42.5855



19.3503, 15.9975, 23.0232



9.1162, 9.2915, 9.2363



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.



18.7655, 17.6972, 13.9824



31.4171, 28.6193, 20.2901



21.3010, 22.7683, 14.8275



5.5238, 5.6540, 5.6896



10.7002, 6.5321, 0.6969



0.1189, 0.0957, 0.0122

Inverse Universe

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



17.6947, 20.2196, 28.1694



29.1581, 33.9139, 50.1371



15.2110, 15.2521, 27.3415



5.4348, 5.8653, 6.8744



8.6977, 10.3815, 24.5225



0.1018, 0.1365, 0.2407

Previews

White Background



This preview shows how the XYZ color 18.7650, 17.6964, 13.9820 looks on a white background.

Color Contrast Check

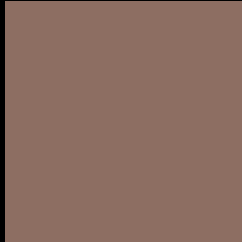
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.7650, 17.6964, 13.9820 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 18.7650, 17.6964, 13.9820

Background



This preview shows how black text looks on a background with the XYZ color 18.7650, 17.6964, 13.9820.



This preview shows how white text looks on a background with the XYZ color 18.7650, 17.6964,

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

18.7650, 17.6964, 13.9820

Protanopia

16.8786, 17.8731, 14.8722

Deuteranopia

17.9904, 17.6211, 14.0083



Tritanopia

19.7378, 17.6160, 18.8829

Trichromacy



Original Color

18.7650, 17.6964, 13.9820

Protanomaly

17.5235, 17.7006, 14.5496

Deuteranomaly

18.2056, 17.5691, 13.9869

Tritanomaly

19.2782, 17.5800, 16.8452

Monochromacy



Original Color

18.7650, 17.6964, 13.9820

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.6042, 17.8448, 17.5555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.7650, 17.6964, 13.9820 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(141, 110, 98)` looks like.

```
.text, #text, p{  
    color:rgb(141, 110, 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(141, 110, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 110, 98) }
```

Border

The CSS property to change the border of an element to XYZ 18.7650, 17.6964, 13.9820 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(141, 110, 98) }
```


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

```
.border{ border-color:rgb(141, 110, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 110, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 110, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 110, 98);  
box-shadow:4px 4px 4px 4px rgb(141, 110,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 18.7650, 17.6964, 13.9820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 110, 98) }
```

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

```
.background{ background-color: rgb(141,  
110, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor