

Converting Colors

XYZ(17.9955, 17.4662, 13.7321)

Have a look what the booklet for
XYZ(17.9955, 17.4662, 13.7321)
contains.

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Color

**XYZ(17.9955, 17.4662,
13.7321)**

Conversions

Conversions Part 1

Format	Color
Hex	886F61
RGB	136, 111, 97
RGB Percent	53%, 44%, 38%
CMY	0.4667, 0.5647, 0.6196
CMYK	0.00, 0.18, 0.29, 0.47
HSL	22°, 17%, 46%
HSV	22°, 29%, 53%
XYZ	17.9955, 17.4662, 13.7321
YIQ	116.8790, 19.3940, 0.9460

Conversions

Conversions Part 2

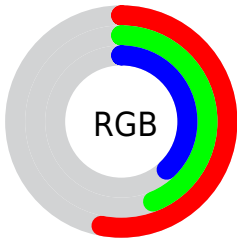
Format	Color
RYB	136, 119, 97
Decimal	8941409
CIELab	48.84, 7.62, 11.50
CIELCh	49, 13.793, 56.485
Yxy	17.4662, 0.3658, 0.3550
Android (android.graphics.Color)	4287131489 (0xFF886F61)
YUV	116.8790, -9.8003, 16.7691
Hunter-Lab	41.7926, 3.7234, 9.7735

Details

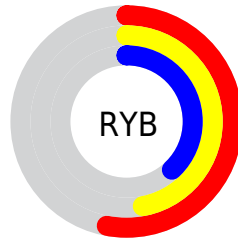
The XYZ color **17.9955, 17.4662, 13.7321** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.3331, 18.2376, 25.9521**, and the grayscale version is **16.8966, 17.7766, 19.3587**.

A 20% lighter version of the original color is **39.6777, 39.2797, 33.5075**, and **6.1214, 5.7253, 3.9144** is the 20% darker color. If you saturate the color by 10%, you get **16.5099, 15.4242, 10.3720**, and if you desaturate by 10%, it is **19.6837, 19.7390, 17.6966**.

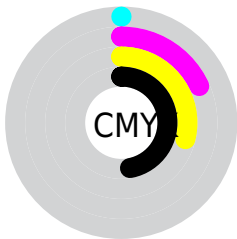
Distribution



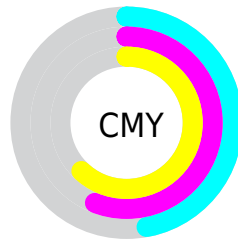
- Red (53%)
- Green (44%)
- Blue (38%)



- Red (53%)
- Yellow (47%)
- Blue (38%)



- Cyan (0%)
- Magenta (18%)
- Yellow (29%)
- Black (47%)



- Cyan (47%)
- Magenta (56%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9955, 17.4662, 13.7321 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 17.9955, 17.4662, 13.7321 by changing the saturation by 10% instead.

■ 17.9955, 17.4662,
13.7321

■ 17.9955, 17.4662,
13.7321

233.8918,
237.8448, 226.9280

■ 11.0464, 10.5674,
7.7980

■ 39.5598, 39.1256,
33.3232

■ 6.1656, 5.7768,
3.8800

■ 54.9057, 54.6551,
47.8172

■ 2.9876, 2.7098,
1.5598

■ 73.7813, 73.8302,
66.0016

■ 1.1472, 0.9822,
0.2619

■ 96.5520, 97.0354,
88.2949

■ 0.0641, 0.0000,
0.0000

123.5830,
124.6550, 115.1156

■ 0.0000, 0.0000,
0.0000

155.2397,

157.0736, 146.8824

191.8875,
194.6754, 184.0136

■ 17.9955, 17.4662,
13.7321

■ 17.9955, 17.4662,
13.7321

■ 16.5099, 15.4242,
10.3720

■ 19.6837, 19.7390,
17.6966

■ 15.2172, 13.6030,
7.5850

■ 21.5806, 22.2474,
22.2922

■ 14.1090, 11.9955,
5.3389

■ 23.6941, 24.9988,
27.5457

■ 13.1760, 10.5933,
3.5975

■ 26.0311, 27.9999,
33.4818

■ 12.4073, 9.3872,
2.3204

■ 28.5981, 31.2570,
40.1238

■ 11.7912, 8.3672,
1.4606

■ 31.4014, 34.7759,
47.4941

■ 11.3032, 7.5181,
0.9071

■ 34.4470, 38.5627,
55.6140

■ 11.2447, 7.4167,
0.8389

■ 37.7409, 42.6229,
64.5039

■ 41.2886, 46.9620,
74.1837

Harmonies

Analogous

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



18.8995, 17.4662, 16.0482



17.9955, 17.4662, 13.7321



16.7523, 17.4662, 12.8217

Triad

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



17.9955, 17.4662, 13.7321



14.2668, 17.4662, 18.5894



17.7215, 17.4662, 26.0392

Complementary

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



17.9955, 17.4662, 13.7321



16.3331, 18.2376, 25.9521

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.



16.4509, 17.4662, 26.9440



17.9955, 17.4662, 13.7321



14.4970, 17.4662, 22.3326

Square

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



17.9955, 17.4662, 13.7321



14.6351, 17.4662, 15.3899



15.2807, 17.4662, 25.5106



18.7357, 17.4662, 23.1751

Rectangle

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



17.9955, 17.4662, 13.7321



15.9134, 17.4662, 13.0352



15.2807, 17.4662, 25.5106



17.3083, 17.4662, 26.5973

Sweetspot

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



17.9960, 17.4670, 13.7325



37.8483, 38.9662, 38.8367



17.9628, 15.1977, 20.5132



8.6609, 8.8871, 8.7388



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.



17.9960, 17.4670, 13.7325



30.0850, 28.5523, 20.4872



20.3138, 22.1027, 14.5051



5.1703, 5.3234, 5.3074



10.6509, 7.0361, 0.7967



0.0837, 0.0727, 0.0096

Inverse Universe

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



16.3331, 18.2376, 25.9521



26.6844, 30.1213, 45.4559



14.2093, 13.9899, 25.2442



5.0243, 5.3916, 6.3817



7.4538, 8.1780, 23.2313



0.0634, 0.0821, 0.1590

Previews

White Background



This preview shows how the XYZ color 17.9955, 17.4662, 13.7321 looks on a white background.

Color Contrast Check

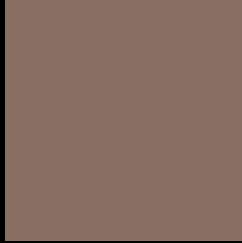
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.9955, 17.4662, 13.7321 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 17.9955, 17.4662, 13.7321

Background



This preview shows how black text looks on a background with the XYZ color 17.9955, 17.4662, 13.7321.

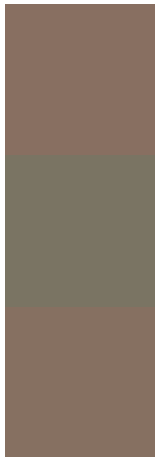


This preview shows how white text looks on a background with the XYZ color 17.9955, 17.4662,

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

17.9955, 17.4662, 13.7321

Protanopia

16.5236, 17.5292, 14.3170

Deuteranopia

17.7834, 17.5197, 13.7536



Tritanopia

19.0547, 17.4128, 19.1863

Trichromacy



Original Color

17.9955, 17.4662, 13.7321

Protanomaly

16.9743, 17.4285, 14.0247

Deuteranomaly

17.9435, 17.6023, 13.7611

Tritanomaly

18.5996, 17.3814, 17.1265

Monochromacy



Original Color

17.9955, 17.4662, 13.7321

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.2574, 17.6723, 17.2534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9955, 17.4662, 13.7321 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(136, 111, 97)` looks like.

```
.text, #text, p{  
    color:rgb(136, 111, 97)  
}
```

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(136, 111, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 111, 97) }
```

Border

The CSS property to change the border of an element to XYZ 17.9955, 17.4662, 13.7321 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(136, 111, 97) }
```


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

```
.border{ border-color:rgb(136, 111, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 111, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 111, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 111, 97);  
box-shadow:4px 4px 4px 4px rgb(136, 111,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9955, 17.4662, 13.7321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 111, 97) }
```

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

```
.background{ background-color: rgb(136,  
111, 97) }
```

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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