

Converting Colors

XYZ(17.5985, 19.8878, 14.7161)

Have a look what the booklet for
XYZ(17.5985, 19.8878, 14.7161)
contains.

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Color

**XYZ(17.5981, 19.8875,
14.7155)**

Conversions

Conversions Part 1

Format	Color
Hex	797E63
RGB	121, 126, 99
RGB Percent	47%, 49%, 39%
CMY	0.5255, 0.5059, 0.6118
CMYK	0.04, 0.00, 0.21, 0.51
HSL	71°, 12%, 44%
HSV	71°, 21%, 49%
XYZ	17.5981, 19.8875, 14.7155
YIQ	121.4270, 5.6870, -9.4570

Conversions

Conversions Part 2

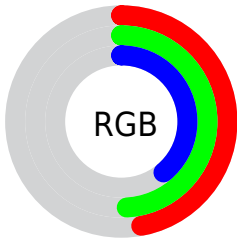
Format	Color
R_{YB}	99, 126, 104
Decimal	7962211
CIE _{Lab}	51.71, -6.87, 14.10
CIE _{LCh}	52, 15.690, 115.982
Yxy	19.8875, 0.3371, 0.3810
Android (android.graphics.Color)	4286152291 (0xFF797E63)
YUV	121.4270, -11.0565, -0.3745
Hunter-Lab	44.5954, -7.6028, 11.6524

Details

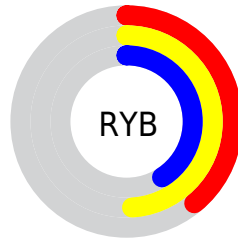
The XYZ color **17.5981, 19.8875, 14.7155** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.9375, 13.3736, 21.5866**, and the grayscale version is **18.3461, 19.3015, 21.0193**.

A 20% lighter version of the original color is **39.0807, 43.4409, 35.1793**, and **5.9462, 6.9334, 4.2737** is the 20% darker color. If you saturate the color by 10%, you get **16.7191, 19.4992, 11.7715**, and if you desaturate by 10%, it is **18.5801, 20.3192, 18.1558**.

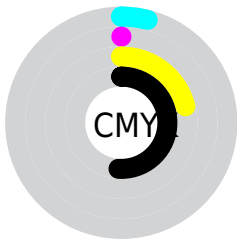
Distribution



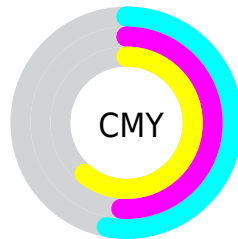
- Red (47%)
- Green (49%)
- Blue (39%)



- Red (39%)
- Yellow (49%)
- Blue (41%)



- Cyan (4%)
- Magenta (0%)
- Yellow (21%)
- Black (51%)



- Cyan (53%)
- Magenta (51%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5981, 19.8875, 14.7155 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 17.5981, 19.8875, 14.7155 by changing the saturation by 10% instead.

■ 17.5981, 19.8875,
14.7155

■ 17.5981, 19.8875,
14.7155

231.6855,
251.3054, 233.2189

■ 10.7598, 12.3133,
8.4756

■ 38.8868, 43.2285,
35.0885

■ 5.9716, 6.9574,
4.3086

■ 54.0678, 59.7641,
50.0587

■ 2.8683, 3.4355,
1.7961

■ 72.7605, 80.0555,
68.7760

■ 1.0845, 1.3631,
0.4254

■ 95.3301, 104.4873,
91.6590

■ 0.0121, 0.1893,
0.0000

122.1421,
133.4438, 119.1263

■ 0.0000, 0.0000,
0.0000

153.5618,

167.3094, 151.5963

189.9544,
206.4685, 189.4876

■ 17.5981, 19.8875,
14.7155

■ 17.5981, 19.8875,
14.7155

■ 16.7191, 19.4992,
11.7715

■ 18.5801, 20.3192,
18.1558

■ 15.9371, 19.1500,
9.2997

■ 19.6677, 20.7934,
22.1127

■ 15.2479, 18.8388,
7.2758

■ 20.8652, 21.3125,
26.6065

■ 14.6463, 18.5635,
5.6728

■ 22.1763, 21.8780,
31.6565

■ 14.1266, 18.3219,
4.4609

■ 23.6045, 22.4913,
37.2808

■ 13.6824, 18.1113,
3.6064

■ 25.1532, 23.1537,
43.4967

■ 13.3060, 17.9288,
3.0698

■ 26.8256, 23.8665,
50.3207

■ 13.0154, 17.7858,
2.7470

■ 28.6246, 24.6310,
57.7689

■ 30.5534, 25.4483,
65.8565

Harmonies

Analogous

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



19.1169, 19.8875, 14.0600



17.5981, 19.8875, 14.7155



16.4865, 19.8875, 17.1275

Triad

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



17.5981, 19.8875, 14.7155



17.2477, 19.8875, 29.7271



22.1096, 19.8875, 22.2717

Complementary

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



17.5981, 19.8875, 14.7155



13.9375, 13.3736, 21.5866

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.



21.5437, 19.8875, 26.9153



17.5981, 19.8875, 14.7155



18.6897, 19.8875, 31.5837

Square

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



17.5981, 19.8875, 14.7155



16.2922, 19.8875, 25.7087



20.2698, 19.8875, 30.4893



21.7776, 19.8875, 18.0499

Rectangle

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



17.5981, 19.8875, 14.7155



16.0962, 19.8875, 19.6073



20.2698, 19.8875, 30.4893



22.0173, 19.8875, 23.8386

Sweetspot

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



17.5986, 19.8884, 14.7159



33.6921, 36.1961, 35.5248



15.8023, 15.2276, 13.9110



7.6420, 8.2238, 8.0017



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



17.5986, 19.8884, 14.7159



30.1522, 34.6423, 23.1121



15.8434, 18.9835, 14.6338



4.5897, 4.9804, 4.6395



13.3486, 18.2438, 2.8179



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.9375, 13.3736, 21.5866



22.4352, 20.9082, 37.5976



15.6251, 14.2436, 21.6655



4.1775, 4.2471, 5.4129



4.2313, 1.7350, 20.3618



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.5981, 19.8875, 14.7155 looks on a white 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

Black Background



This preview shows how the XYZ color 17.5981, 19.8875, 14.7155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

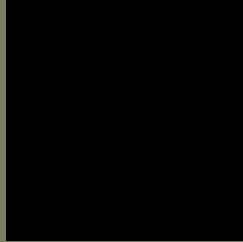
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.5981, 19.8875, 14.7155

Background



This preview shows how black text looks on a background with the XYZ color 17.5981, 19.8875, 14.7155.



This preview shows how white text looks on a background with the XYZ color 17.5981, 19.8875,

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

17.5981, 19.8875, 14.7155

Protanopia

18.6476, 19.8731, 14.4083

Deuteranopia

20.1551, 19.7361, 15.0591



Tritanopia

19.5137, 19.9177, 24.2888

Trichromacy



Original Color

17.5981, 19.8875, 14.7155

Protanomaly

18.1647, 19.8092, 14.4214

Deuteranomaly

19.1293, 19.7457, 14.8597

Tritanomaly

18.7249, 19.7829, 20.2843

Monochromacy



Original Color

17.5981, 19.8875, 14.7155

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.9488, 19.4231, 18.4258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5981, 19.8875, 14.7155 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(121, 126, 99)` looks like.

```
.text, #text, p{  
    color:rgb(121, 126, 99)  
}
```

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(121, 126, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 126, 99) }
```

Border

The CSS property to change the border of an element to XYZ 17.5981, 19.8875, 14.7155 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(121, 126, 99) }
```


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

```
.border{ border-color:rgb(121, 126, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 126, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 126, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 126, 99);  
box-shadow:4px 4px 4px 4px rgb(121, 126,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5981, 19.8875, 14.7155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 126, 99) }
```

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

```
.background{ background-color: rgb(121,  
126, 99) }
```

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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