

Converting Colors

XYZ(17.6250, 22.8469, 10.7799)

Have a look what the booklet for
XYZ(17.6250, 22.8469, 10.7799)
contains.

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Color

**XYZ(17.5633, 22.8169,
10.6862)**

Conversions

Conversions Part 1

Format	Color
Hex	718C4E
RGB	113, 140, 78
RGB Percent	44%, 55%, 31%
CMY	0.5569, 0.4510, 0.6941
CMYK	0.19, 0.00, 0.44, 0.45
HSL	86°, 28%, 43%
HSV	86°, 44%, 55%
XYZ	17.5633, 22.8169, 10.6862
YIQ	124.8590, 3.8100, -25.0060

Conversions

Conversions Part 2

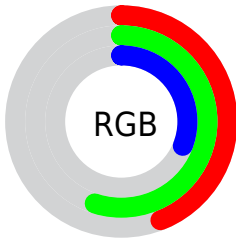
Format	Color
RYB	78, 140, 105
Decimal	7441486
CIELab	54.88, -20.74, 29.96
CIELCh	55, 36.437, 124.695
Yxy	22.8169, 0.3439, 0.4468
Android (android.graphics.Color)	4285631566 (0xFF718C4E)
YUV	124.8590, -23.1015, -10.4003
Hunter-Lab	47.7670, -17.9603, 20.1729

Details

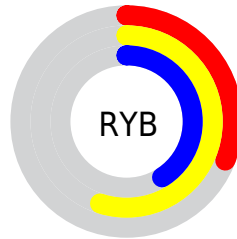
The XYZ color **17.5633, 22.8169, 10.6862** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **13.2846, 10.3462, 26.1090**, and the grayscale version is **19.5204, 20.5370, 22.3648**.

A 20% lighter version of the original color is **38.9140, 48.2491, 27.6841**, and **5.9534, 8.4680, 2.6170** is the 20% darker color. If you saturate the color by 10%, you get **16.3558, 22.2471, 8.2828**, and if you desaturate by 10%, it is **18.9316, 23.4587, 13.6559**.

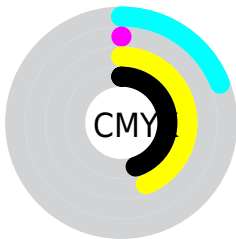
Distribution



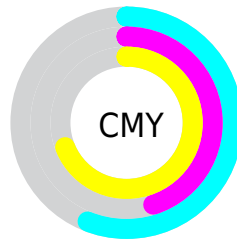
- Red (44%)
- Green (55%)
- Blue (31%)



- Red (31%)
- Yellow (55%)
- Blue (41%)



- Cyan (19%)
- Magenta (0%)
- Yellow (44%)
- Black (45%)



- Cyan (56%)
- Magenta (45%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5633, 22.8169, 10.6862 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 17.5633, 22.8169, 10.6862 by changing the saturation by 10% instead.

■ 17.5633, 22.8169,
10.6862

■ 17.5633, 22.8169,
10.6862

231.4914,
266.7832, 206.1614

■ 10.7347, 14.4584,
5.7447

■ 38.8277, 48.0925,
27.7061

■ 5.9547, 8.4402,
2.6242

■ 53.9943, 65.7784,
40.6217

■ 2.8580, 4.3779,
0.9049

■ 72.6708, 87.3421,
57.0324

■ 1.0791, 1.8871,
0.0000

■ 95.2228, 113.1682,
77.3567

■ 0.0075, 0.5406,
0.0000

■ 122.0154,
143.6409, 102.0132

■ 0.0000, 0.0000,
0.0000

153.4142,

179.1447, 131.4205

189.7844,
220.0640, 165.9971

■ 17.5633, 22.8169,
10.6862

■ 17.5633, 22.8169,
10.6862

■ 16.3558, 22.2471,
8.2828

■ 18.9316, 23.4587,
13.6559

■ 15.2994, 21.7429,
6.4082

■ 20.4662, 24.1724,
17.2235

■ 14.3860, 21.3018,
5.0226


■ 22.1744, 24.9619,
21.4197


■ 13.6059, 20.9196,
4.0799


■ 24.0624, 25.8298,
26.2729


■ 12.9469, 20.5916,
3.5219


■ 26.1364, 26.7786,
31.8097

 12.6054, 20.4206,
3.2772

 28.4019, 27.8106,
38.0553

 30.8643, 28.9281,
45.0334

 33.5289, 30.1333,
52.7669

 36.4005, 31.4283,
61.2775

Harmonies

Analogous

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



21.0579, 22.8169, 8.6260



17.5633, 22.8169, 10.6862



15.4014, 22.8169, 16.5045

Triad

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



17.5633, 22.8169, 10.6862



18.5365, 22.8169, 50.8341



30.3753, 22.8169, 23.0689

Complementary

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



17.5633, 22.8169, 10.6862



13.2846, 10.3462, 26.1090

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.



29.4848, 22.8169, 35.6038



17.5633, 22.8169, 10.6862



22.3281, 22.8169, 54.2232

Square

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



17.5633, 22.8169, 10.6862



15.9124, 22.8169, 39.7602



26.4099, 22.8169, 47.9586



28.7122, 22.8169, 14.2203

Rectangle

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



17.5633, 22.8169, 10.6862



14.8421, 22.8169, 22.8453



26.4099, 22.8169, 47.9586



30.3663, 22.8169, 26.9554

Sweetspot

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



17.5639, 22.8179, 10.6867



39.4147, 44.1554, 38.5741



17.2292, 16.2023, 9.4274



8.9364, 10.1073, 8.5218



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.



17.5639, 22.8179, 10.6867



28.8682, 39.2367, 14.6658



14.2452, 21.1071, 10.5314



5.2242, 5.7383, 5.3847



11.2228, 18.1556, 2.9129



0.0914, 0.1293, 0.0201

Inverse Universe

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



13.2846, 10.3462, 26.1090



20.3367, 14.3531, 45.4415



17.5906, 12.5659, 26.3105



4.9678, 4.9918, 6.3075



5.9365, 2.5745, 22.2297



0.0557, 0.0255, 0.1484

Previews

White Background



This preview shows how the XYZ color 17.5633, 22.8169, 10.6862 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 17.5633, 22.8169, 10.6862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

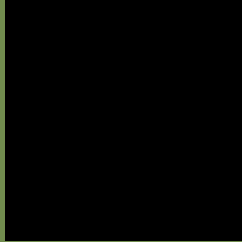
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.5633, 22.8169, 10.6862

Background



This preview shows how black text looks on a background with the XYZ color 17.5633, 22.8169, 10.6862.



This preview shows how white text looks on a background with the XYZ color 17.5633, 22.8169,

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

17.5633, 22.8169, 10.6862

Protanopia

20.8879, 22.6699, 9.9314

Deuteranopia

22.9194, 22.5304, 10.9254



Tritanopia

21.3715, 22.8958, 29.2795

Trichromacy



Original Color

17.5633, 22.8169, 10.6862

Protanomaly

19.5025, 22.5585, 10.1638

Deuteranomaly

20.5859, 22.2952, 10.8078

Tritanomaly

19.7417, 22.8622, 20.8251

Monochromacy



Original Color

17.5633, 22.8169, 10.6862

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.5746, 21.1129, 17.2836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5633, 22.8169, 10.6862 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(113, 140, 78)` looks like.

```
.text, #text, p{  
    color:rgb(113, 140, 78)  
}
```

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(113, 140, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 140, 78) }
```

Border

The CSS property to change the border of an element to XYZ 17.5633, 22.8169, 10.6862 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(113, 140, 78) }
```


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

```
.border{ border-color:rgb(113, 140, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 140, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 140, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 140, 78);  
box-shadow:4px 4px 4px 4px rgb(113, 140,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5633, 22.8169, 10.6862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 140, 78) }
```

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

```
.background{ background-color: rgb(113,  
140, 78) }
```

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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