

Converting Colors

XYZ(17.3396, 19.5568, 13.7005)

Have a look what the booklet for
XYZ(17.3396, 19.5568, 13.7005)
contains.

XYZ(17.4252, 19.6310, 13.6972)	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(17.4252, 19.6310,
13.6972)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7D5F
RGB	122, 125, 95
RGB Percent	48%, 49%, 37%
CMY	0.5216, 0.5098, 0.6274
CMYK	0.02, 0.00, 0.24, 0.51
HSL	66°, 14%, 43%
HSV	66°, 24%, 49%
XYZ	17.4252, 19.6310, 13.6972
YIQ	120.6830, 7.8420, -9.9660

Conversions

Conversions Part 2

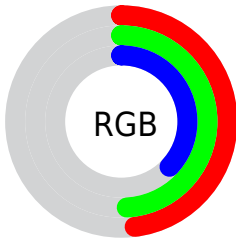
Format	Color
RYB	95, 125, 98
Decimal	8027487
CIELab	51.42, -6.55, 16.02
CIELCh	51, 17.312, 112.232
Yxy	19.6310, 0.3433, 0.3868
Android (android.graphics.Color)	4286217567 (0xFF7A7D5F)
YUV	120.6830, -12.6617, 1.1550
Hunter-Lab	44.3069, -7.3358, 12.6857

Details

The XYZ color **17.4252, 19.6310, 13.6972** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.8316, 12.2622, 21.0936**, and the grayscale version is **18.1099, 19.0530, 20.7487**.

A 20% lighter version of the original color is **38.7879, 43.0301, 33.4554**, and **5.8865, 6.8071, 3.9094** is the 20% darker color. If you saturate the color by 10%, you get **16.7262, 19.3317, 10.9327**, and if you desaturate by 10%, it is **18.2187, 19.9697, 16.9429**.

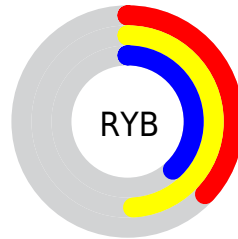
Distribution



Red (48%)

Green (49%)

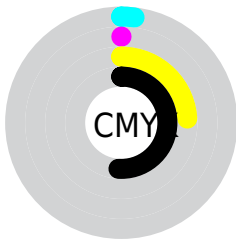
Blue (37%)



Red (37%)

Yellow (49%)

Blue (38%)

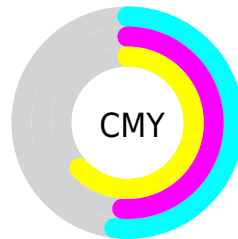


Cyan (2%)

Magenta (0%)

Yellow (24%)

Black (51%)



Cyan (52%)

Magenta (51%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4252, 19.6310, 13.6972 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 17.4252, 19.6310, 13.6972 by changing the saturation by 10% instead.

■ 17.4252, 19.6310,
13.6972

■ 17.4252, 19.6310,
13.6972

230.7197,
249.9104, 226.7014

■ 10.6353, 12.1271,
7.7740

■ 38.5932, 42.7977,
33.2601

■ 5.8876, 6.8303,
3.8650

■ 53.7020, 59.2292,
47.7370

■ 2.8169, 3.3562,
1.5516

■ 72.3145, 79.4054,
65.9021

■ 1.0577, 1.3204,
0.2559

■ 94.7961, 103.7107,
88.1741

■ 0.0000, 0.1569,
0.0000

121.5120,
132.5295, 114.9715

■ 0.0000, 0.0000,
0.0000

152.8277,

166.2461, 146.7128

189.1085,
205.2449, 183.8166

■ 17.4252, 19.6310,
13.6972

■ 17.4252, 19.6310,
13.6972

■ 16.7262, 19.3317,
10.9327

■ 18.2187, 19.9697,
16.9429

■ 16.1158, 19.0675,
8.6254

■ 19.1093, 20.3468,
20.6900

■ 15.5899, 18.8373,
6.7509

■ 20.1012, 20.7647,
24.9589

■ 15.1432, 18.6391,
5.2822

■ 21.1981, 21.2248,
29.7685

■ 14.7701, 18.4706,
4.1891

■ 22.4035, 21.7286,
35.1370

■ 14.4641, 18.3291,
3.4373

■ 23.7205, 22.2773,
41.0814

■ 14.2164, 18.2113,
2.9812

■ 25.1523, 22.8723,
47.6183

■ 14.0789, 18.1451,
2.7603

■ 26.7019, 23.5146,
54.7633

■ 28.3722, 24.2055,
62.5317

Harmonies

Analogous

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



19.1131, 19.6310, 13.2398



17.4252, 19.6310, 13.6972



16.1448, 19.6310, 16.0429

Triad

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



17.4252, 19.6310, 13.6972



16.6899, 19.6310, 29.8480



22.1616, 19.6310, 22.6919

Complementary

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



17.4252, 19.6310, 13.6972



12.8316, 12.2622, 21.0936

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.



21.4208, 19.6310, 27.7739



17.4252, 19.6310, 13.6972



18.2116, 19.6310, 32.3026

Square

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



17.4252, 19.6310, 13.6972



15.7390, 19.6310, 25.1957



19.9490, 19.6310, 31.4900



21.9188, 19.6310, 17.9612

Rectangle

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



17.4252, 19.6310, 13.6972



15.6598, 19.6310, 18.5908



19.9490, 19.6310, 31.4900



22.0179, 19.6310, 24.4237

Sweetspot

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



17.4257, 19.6319, 13.6976



33.6937, 36.2124, 34.8235



14.8913, 13.9221, 12.7291



7.6484, 8.2304, 7.8550



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.



17.4257, 19.6319, 13.6976



30.4695, 34.8396, 21.6028



15.4633, 18.6202, 13.6058



4.6243, 4.9983, 4.6412



14.6901, 18.9354, 2.8806



0.0000, 0.0000, 0.0000

Inverse Universe

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



12.8316, 12.2622, 21.0936



20.6899, 19.1496, 37.3501



14.6045, 13.1762, 21.1766



4.1457, 4.2307, 5.4114



4.0259, 1.6291, 20.3522



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.4252, 19.6310, 13.6972 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 17.4252, 19.6310, 13.6972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

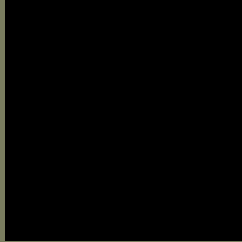
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.4252, 19.6310, 13.6972

Background



This preview shows how black text looks on a background with the XYZ color 17.4252, 19.6310, 13.6972.

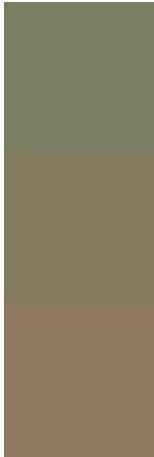


This preview shows how white text looks on a background with the XYZ color 17.4252, 19.6310,

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

17.4252, 19.6310, 13.6972

Protanopia

18.3400, 19.5525, 13.3971

Deuteranopia

19.9638, 19.6596, 14.0517



Tritanopia

19.4981, 19.5567, 23.8662

Trichromacy



Original Color

17.4252, 19.6310, 13.6972

Protanomaly

18.0054, 19.5633, 13.4168

Deuteranomaly

18.9404, 19.6702, 13.8648

Tritanomaly

18.6279, 19.5634, 19.6239

Monochromacy



Original Color

17.4252, 19.6310, 13.6972

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.7693, 19.1539, 18.0898

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4252, 19.6310, 13.6972 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(122, 125, 95)` looks like.

```
.text, #text, p{  
    color:rgb(122, 125, 95)  
}
```

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(122, 125, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 125, 95) }
```

Border

The CSS property to change the border of an element to XYZ 17.4252, 19.6310, 13.6972 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(122, 125, 95) }
```


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

```
.border{ border-color:rgb(122, 125, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 125, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 125, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 125, 95);  
box-shadow:4px 4px 4px 4px rgb(122, 125,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4252, 19.6310, 13.6972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 125, 95) }
```

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

```
.background{ background-color: rgb(122,  
125, 95) }
```

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