

Converting Colors

XYZ(22.1797, 21.4190, 14.5966)

Have a look what the booklet for
XYZ(22.1797, 21.4190, 14.5966)
contains.

XYZ(22.3010, 21.5732, 14.5439)	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(22.3010, 21.5732,
14.5439)**

Conversions

Conversions Part 1

Format	Color
Hex	997A62
RGB	153, 122, 98
RGB Percent	60%, 48%, 38%
CMY	0.4000, 0.5216, 0.6157
CMYK	0.00, 0.20, 0.36, 0.40
HSL	26°, 22%, 49%
HSV	26°, 36%, 60%
XYZ	22.3010, 21.5732, 14.5439
YIQ	128.5330, 26.1800, -0.8920

Conversions

Conversions Part 2

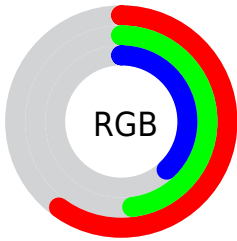
Format	Color
R_{YB}	153, 141, 98
Decimal	10058338
CIE _{Lab}	53.57, 8.51, 17.71
CIE _{LCh}	54, 19.654, 64.333
Yxy	21.5732, 0.3817, 0.3693
Android (android.graphics.Color)	4288248418 (0xFF997A62)
YUV	128.5330, -15.0528, 21.4576
Hunter-Lab	46.4470, 4.4226, 13.9474

Details

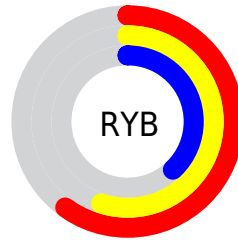
The XYZ color **22.3010, 21.5732, 14.5439** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.6368, 20.5964, 33.1303**, and the grayscale version is **20.7480, 21.8285, 23.7712**.

A 20% lighter version of the original color is **46.5733, 45.8519, 34.8294**, and **8.3469, 7.7708, 4.1920** is the 20% darker color. If you saturate the color by 10%, you get **20.6344, 19.2877, 10.7586**, and if you desaturate by 10%, it is **24.2007, 24.1038, 19.0888**.

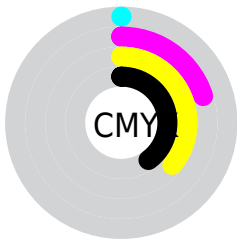
Distribution



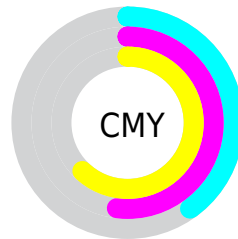
- Red (60%)
- Green (48%)
- Blue (38%)



- Red (60%)
- Yellow (55%)
- Blue (38%)



- Cyan (0%)
- Magenta (20%)
- Yellow (36%)
- Black (40%)



- Cyan (40%)
- Magenta (52%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.3010, 21.5732, 14.5439 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 22.3010, 21.5732, 14.5439 by changing the saturation by 10% instead.

■ 22.3010, 21.5732,
14.5439

■ 22.3010, 21.5732,
14.5439

256.7171,
260.3092, 232.1336

■ 14.1961, 13.5436,
8.3569

■ 46.7181, 46.0396,
34.7819

■ 8.3398, 7.8039,
4.2331

■ 63.7611, 63.2452,
49.6700

■ 4.3668, 3.9698,
1.7541

■ 84.5140, 84.2782,
68.2956

■ 1.9116, 1.6567,
0.3974

■ 109.3424,
109.5231, 91.0771

■ 0.5836, 0.3954,
0.0000

138.6116,
139.3643, 118.4331

■ 0.0000, 0.0000,
0.0000

172.6868,

174.1861, 150.7821

211.9335,
214.3730, 188.5428

■ 22.3010, 21.5732,
14.5439

■ 22.3010, 21.5732,
14.5439

■ 20.6344, 19.2877,
10.7586

■ 24.2007, 24.1038,
19.0888

■ 19.1891, 17.2364,
7.6891

■ 26.3416, 26.8842,
24.4309

■ 17.9543, 15.4117,
5.2892

■ 28.7332, 29.9226,
30.6071

■ 16.9176, 13.8044,
3.5068

■ 31.3840, 33.2258,
37.6515

■ 16.0650, 12.4045,
2.2817

■ 34.3021, 36.8005,
45.5963

■ 15.3778, 11.1998,
1.5293

■ 37.4953, 40.6531,
54.4719

■ 15.1306, 10.7597,
1.2794

■ 40.9709, 44.7897,
64.3075

■ 44.7360, 49.2162,
75.1308

■ 48.7975, 53.9384,
86.9686

Harmonies

Analogous

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



24.0173, 21.5732, 17.5608



22.3010, 21.5732, 14.5439



20.2016, 21.5732, 13.7549

Triad

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



22.3010, 21.5732, 14.5439



16.7416, 21.5732, 24.3727



22.8636, 21.5732, 34.3724

Complementary

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



22.3010, 21.5732, 14.5439



18.6368, 20.5964, 33.1303

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.



20.8108, 21.5732, 36.9863



22.3010, 21.5732, 14.5439



17.3524, 21.5732, 30.6219

Square

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



22.3010, 21.5732, 14.5439



17.0813, 21.5732, 18.8349



18.8075, 21.5732, 35.5090



24.3573, 21.5732, 28.8541

Rectangle

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



22.3010, 21.5732, 14.5439



18.8880, 21.5732, 14.4615



18.8075, 21.5732, 35.5090



22.2111, 21.5732, 35.6589

Sweetspot

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



22.3016, 21.5742, 14.5443



49.1437, 50.6619, 48.7945



21.4782, 17.0973, 22.9953



10.7371, 11.0411, 10.4799



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



22.3016, 21.5742, 14.5443



37.5466, 35.3656, 20.5804



26.1418, 29.2547, 15.8244



6.4195, 6.6440, 6.5499



12.5373, 8.9570, 1.0681



0.2227, 0.2045, 0.0277

Inverse Universe

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



18.6368, 20.5964, 33.1303



30.0007, 33.3452, 58.8270



15.5057, 14.3342, 32.0866



6.1587, 6.5748, 7.8734



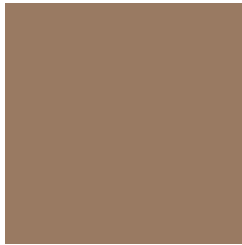
7.5511, 7.4988, 25.9571



0.1490, 0.1844, 0.4001

Previews

White Background



This preview shows how the XYZ color 22.3010, 21.5732, 14.5439 looks on a white background.

Color Contrast Check

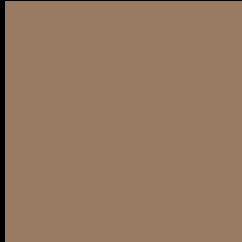
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.3010, 21.5732, 14.5439 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 22.3010, 21.5732, 14.5439

Background



This preview shows how black text looks on a background with the XYZ color 22.3010, 21.5732, 14.5439.



This preview shows how white text looks on a background with the XYZ color 22.3010, 21.5732,

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

22.3010, 21.5732, 14.5439

Protanopia

20.2215, 21.6122, 15.4177

Deuteranopia

22.0501, 21.6271, 14.5676



Tritanopia

24.0195, 21.5571, 22.9736

Trichromacy



Original Color

22.3010, 21.5732, 14.5439

Protanomaly

20.9164, 21.5926, 15.1220

Deuteranomaly

22.2365, 21.7232, 14.5763

Tritanomaly

23.2668, 21.4232, 19.4318

Monochromacy



Original Color

22.3010, 21.5732, 14.5439

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.2121, 21.6330, 20.1971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3010, 21.5732, 14.5439 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(153, 122, 98)` looks like.

```
.text, #text, p{  
    color:rgb(153, 122, 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(153, 122, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 122, 98) }
```

Border

The CSS property to change the border of an element to XYZ 22.3010, 21.5732, 14.5439 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(153, 122, 98) }
```


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

```
.border{ border-color:rgb(153, 122, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 122, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 122, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 122, 98);  
box-shadow:4px 4px 4px 4px rgb(153, 122,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 22.3010, 21.5732, 14.5439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 122, 98) }
```

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

```
.background{ background-color: rgb(153,  
122, 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](#).

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