

Converting Colors

XYZ(21.7622, 21.4759, 17.3350)

Have a look what the booklet for
XYZ(21.7622, 21.4759, 17.3350)
contains.

XYZ(21.6973, 21.3810, 17.4514)	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(21.6973, 21.3810,
17.4514)**

Conversions

Conversions Part 1

Format	Color
Hex	927B6D
RGB	146, 123, 109
RGB Percent	57%, 48%, 43%
CMY	0.4275, 0.5176, 0.5725
CMYK	0.00, 0.16, 0.25, 0.43
HSL	23°, 15%, 50%
HSV	23°, 25%, 57%
XYZ	21.6973, 21.3810, 17.4514
YIQ	128.2810, 18.2020, 0.5220

Conversions

Conversions Part 2

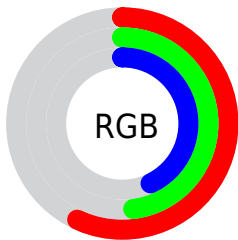
Format	Color
R_{YB}	146, 132, 109
Decimal	9599853
CIE _{Lab}	53.36, 6.60, 10.95
CIE _{LCh}	53, 12.787, 58.938
Yxy	21.3810, 0.3585, 0.3532
Android (android.graphics.Color)	4287789933 (0xFF927B6D)
YUV	128.2810, -9.5055, 15.5396
Hunter-Lab	46.2396, 2.8394, 9.9909

Details

The XYZ color **21.6973, 21.3810, 17.4514** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.7461, 21.8285, 30.3668**, and the grayscale version is **20.6434, 21.7184, 23.6514**.

A 20% lighter version of the original color is **45.4946, 45.4774, 39.6379**, and **8.0376, 7.6783, 5.6159** is the 20% darker color. If you saturate the color by 10%, you get **19.9018, 18.9450, 13.2921**, and if you desaturate by 10%, it is **23.7289, 24.0799, 22.3340**.

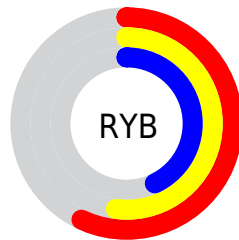
Distribution



Red (57%)

Green (48%)

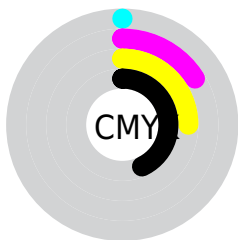
Blue (43%)



Red (57%)

Yellow (52%)

Blue (43%)

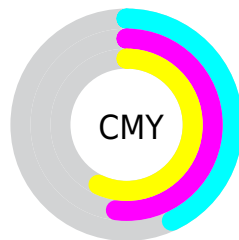


Cyan (0%)

Magenta (16%)

Yellow (25%)

Black (43%)



Cyan (43%)

Magenta (52%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6973, 21.3810, 17.4514 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 21.6973, 21.3810, 17.4514 by changing the saturation by 10% instead.

■ 21.6973, 21.3810,
17.4514

■ 21.6973, 21.3810,
17.4514

253.6236,
259.2964, 249.8918

■ 13.7500, 13.4028,
10.3915

■ 45.7278, 45.7208,
39.9015

■ 8.0275, 7.7065,
5.5503

■ 62.5417, 62.8511,
56.1288

■ 4.1645, 3.9077,
2.5093

■ 83.0418, 83.8009,
76.2490

■ 1.7956, 1.6221,
0.8451

■ 107.5935,
108.9547, 100.6805

■ 0.5150, 0.3724,
0.0000

136.5622,
138.6967, 129.8421

■ 0.0000, 0.0000,
0.0000

170.3132,

173.4114, 164.1521

209.2119,
213.4832, 204.0292

■ 21.6973, 21.3810,
17.4514

■ 21.6973, 21.3810,
17.4514

■ 19.9018, 18.9450,
13.2921

■ 23.7289, 24.0799,
22.3340

■ 18.3315, 16.7608,
9.8199

■ 26.0035, 27.0466,
27.9712

■ 16.9769, 14.8207,
6.9975

■ 28.5301, 30.2896,
34.3937

■ 15.8273, 13.1153,
4.7834

■ 31.3164, 33.8161,
41.6306

■ 14.8708, 11.6349,
3.1311

■ 34.3699, 37.6329,
49.7090

■ 14.0941, 10.3685,
1.9876

■ 37.6978, 41.7466,
58.6551

■ 13.4802, 9.3036,
1.2806

■ 41.3070, 46.1638,
68.4937

■ 13.2324, 8.8677,
1.0142

■ 45.2041, 50.8907,
79.2489

■ 49.3955, 55.9332,
90.9437

Harmonies

Analogous

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



22.6904, 21.3810, 19.8507



21.6973, 21.3810, 17.4514



20.3704, 21.3810, 16.5836

Triad

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



21.6973, 21.3810, 17.4514



17.8248, 21.3810, 23.1421



21.6100, 21.3810, 30.4462

Complementary

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



21.6973, 21.3810, 17.4514



19.7461, 21.8285, 30.3668

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.



20.2737, 21.3810, 31.5734



21.6973, 21.3810, 17.4514



18.1244, 21.3810, 27.0838

Square

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



21.6973, 21.3810, 17.4514



18.1692, 21.3810, 19.6358



19.0061, 21.3810, 30.2810



22.6384, 21.3810, 27.3499

Rectangle

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



21.6973, 21.3810, 17.4514



19.4874, 21.3810, 16.9071



19.0061, 21.3810, 30.2810



21.1800, 21.3810, 31.0822

Sweetspot

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



21.6979, 21.3820, 17.4518



44.6971, 46.1886, 46.4018



21.5175, 18.7264, 24.4662



9.8181, 10.1122, 10.0110



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



21.6979, 21.3820, 17.4518



36.5586, 35.4001, 26.7682



24.1492, 26.2846, 18.2690



5.9700, 6.1537, 6.1136



11.6647, 7.8439, 0.8992



0.1696, 0.1496, 0.0199

Inverse Universe

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



19.7461, 21.8285, 30.3668



32.5518, 36.3124, 53.2669



17.5050, 17.3464, 29.6198



5.7816, 6.1971, 7.3612



7.8606, 8.4160, 25.1412



0.1247, 0.1600, 0.3172

Previews

White Background



This preview shows how the XYZ color 21.6973, 21.3810, 17.4514 looks on a white background.

Color Contrast Check

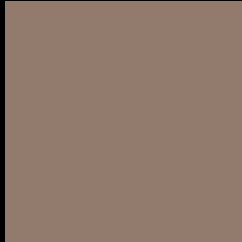
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.6973, 21.3810, 17.4514 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 21.6973, 21.3810, 17.4514

Background



This preview shows how black text looks on a background with the XYZ color 21.6973, 21.3810, 17.4514.



This preview shows how white text looks on a background with the XYZ color 21.6973, 21.3810,

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

21.6973, 21.3810, 17.4514

Protanopia

20.2901, 21.3948, 18.0991

Deuteranopia

21.8759, 21.4731, 17.4597



Tritanopia

22.8917, 21.3138, 23.6763

Trichromacy



Original Color

21.6973, 21.3810, 17.4514

Protanomaly

20.7566, 21.4508, 17.7983

Deuteranomaly

21.8759, 21.4731, 17.4597

Tritanomaly

22.3828, 21.2829, 21.3407

Monochromacy



Original Color

21.6973, 21.3810, 17.4514

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.9037, 21.4531, 21.1283

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6973, 21.3810, 17.4514 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(146, 123, 109)` looks like.

```
.text, #text, p{  
    color:rgb(146, 123, 109)  
}
```

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(146, 123, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 123, 109) }
```

Border

The CSS property to change the border of an element to XYZ 21.6973, 21.3810, 17.4514 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(146, 123, 109) }
```


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

```
.border{ border-color:rgb(146, 123, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 123, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 123, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 123, 109); box-shadow:4px 4px 4px 4px rgb(146, 123, 109) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6973, 21.3810, 17.4514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 123, 109) }
```

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

```
.background{ background-color: rgb(146,  
123, 109) }
```

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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