

Converting Colors

XYZ(21.5817, 19.0741, 21.0203)

Have a look what the booklet for
XYZ(21.5817, 19.0741, 21.0203)
contains.

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Color

**XYZ(21.4832, 18.9466,
20.9371)**

Conversions

Conversions Part 1

Format	Color
Hex	956E7A
RGB	149, 110, 122
RGB Percent	58%, 43%, 48%
CMY	0.4157, 0.5686, 0.5216
CMYK	0.00, 0.26, 0.18, 0.42
HSL	342°, 16%, 51%
HSV	342°, 26%, 58%
XYZ	21.4832, 18.9466, 20.9371
YIQ	123.0290, 19.3920, 12.0000

Conversions

Conversions Part 2

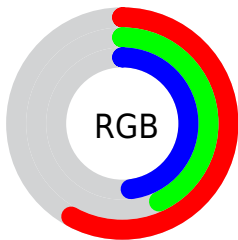
Format	Color
R_{YB}	149, 110, 122
Decimal	9793146
CIE _{Lab}	50.62, 17.40, -0.57
CIE _{LCh}	51, 17.406, 358.130
Yxy	18.9466, 0.3501, 0.3087
Android (android.graphics.Color)	4287983226 (0xFF956E7A)
YUV	123.0290, -0.5073, 22.7766
Hunter-Lab	43.5277, 11.9257, 1.9505

Details

The XYZ color **21.4832, 18.9466, 20.9371** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.6940, 26.6165, 27.6624**, and the grayscale version is **18.8339, 19.8147, 21.5783**.

A 20% lighter version of the original color is **45.4622, 41.7340, 45.7038**, and **7.8550, 6.4677, 7.1377** is the 20% darker color. If you saturate the color by 10%, you get **19.4031, 15.7556, 17.2558**, and if you desaturate by 10%, it is **23.9025, 22.7072, 25.0668**.

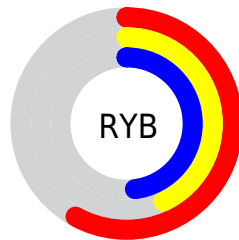
Distribution



Red (58%)

Green (43%)

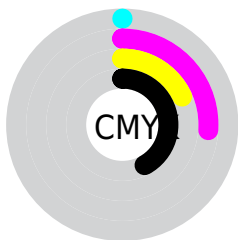
Blue (48%)



Red (58%)

Yellow (43%)

Blue (48%)

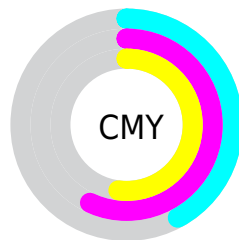


Cyan (0%)

Magenta (26%)

Yellow (18%)

Black (42%)



Cyan (42%)


Magenta (57%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.4832, 18.9466, 20.9371 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 21.4832, 18.9466, 20.9371 by changing the saturation by 10% instead.


 21.4832, 18.9466,
20.9371


 21.4832, 18.9466,
20.9371


252.5188,
246.1538, 269.7141


 13.5921, 11.6317,
12.8872


 45.3756, 41.6438,
45.8623


 7.9173, 6.4934,
7.2211


 62.1076, 57.7950,
63.5746

 4.0935, 3.1474,
3.5202

 82.5173, 77.6603,
85.3449

 1.7551, 1.2091,
1.3660

 106.9701,
101.6242, 111.5917

 0.4904, 0.0692,
0.1150

135.8313,
130.0712, 142.7334

 0.0000, 0.0000,
0.0000

169.4662,

163.3855, 179.1887

208.2403,
201.9516, 221.3761

■ 21.4832, 18.9466,
20.9371

■ 21.4832, 18.9466,
20.9371

■ 19.4031, 15.7556,
17.2558

■ 23.9025, 22.7072,
25.0668

■ 17.6451, 13.1036,
14.0060

■ 26.6741, 27.0606,
29.6585

■ 16.1928, 10.9614,
11.1716

■ 29.8122, 32.0321,
34.7266

■ 15.0277, 9.2956,
8.7349

■ 33.3298, 37.6447,
40.2847

■ 14.1292, 8.0690,
6.6768

■ 37.2391, 43.9201,
46.3457

■ 13.4738, 7.2388,
4.9764

■ 41.5521, 50.8791,
52.9220

■ 13.0275, 6.7419,
3.6083

■ 46.2798, 58.5415,
60.0256

■ 12.8844, 6.5856,
3.1601

■ 51.4332, 66.9264,
67.6682

■ 57.0226, 76.0521,
75.8609

Harmonies

Analogous

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



20.9347, 18.9466, 25.9878



21.4832, 18.9466, 20.9371



21.0530, 18.9466, 16.5165

Triad

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



21.4832, 18.9466, 20.9371



16.5080, 18.9466, 13.4154



16.3340, 18.9466, 29.6627

Complementary

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



21.4832, 18.9466, 20.9371



21.6940, 26.6165, 27.6624

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.



15.2721, 18.9466, 25.3745



21.4832, 18.9466, 20.9371



15.3680, 18.9466, 16.0638

Square

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



21.4832, 18.9466, 20.9371



18.1152, 18.9466, 12.6045



14.9297, 18.9466, 20.3252



17.9016, 18.9466, 31.4937

Rectangle

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



21.4832, 18.9466, 20.9371



20.2833, 18.9466, 14.4046



14.9297, 18.9466, 20.3252



15.9099, 18.9466, 28.4307

Sweetspot

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



21.4837, 18.9475, 20.9375



46.7303, 46.8232, 51.4104



21.2607, 18.6116, 30.9057



10.1979, 10.1278, 11.1329



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



21.4837, 18.9475, 20.9375



36.3678, 30.6900, 33.8005



21.5883, 20.2738, 17.5284



5.8699, 5.8430, 6.4210



10.8561, 5.5475, 2.7232



0.1449, 0.0727, 0.0965

Inverse Universe

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



21.4837, 18.9475, 20.9375



36.3678, 30.6900, 33.8005



21.5066, 24.7869, 32.0847



5.8699, 5.8430, 6.4210



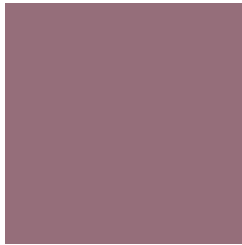
10.8561, 5.5475, 2.7232



0.1449, 0.0727, 0.0965

Previews

White Background



This preview shows how the XYZ color 21.4832, 18.9466, 20.9371 looks on a white background.

Color Contrast Check

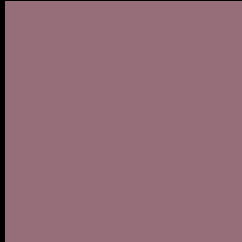
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.4832, 18.9466, 20.9371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

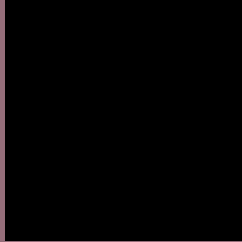
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.4832, 18.9466, 20.9371

Background



This preview shows how black text looks on a background with the XYZ color 21.4832, 18.9466, 20.9371.



This preview shows how white text looks on a background with the XYZ color 21.4832, 18.9466,

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

21.4832, 18.9466, 20.9371

Protanopia

18.4979, 19.0564, 23.1254

Deuteranopia

19.3282, 19.0086, 20.7395



Tritanopia

21.3001, 18.8733, 19.9730

Trichromacy



Original Color

21.4832, 18.9466, 20.9371

Protanomaly

19.3714, 18.8224, 22.3508

Deuteranomaly

19.9497, 18.8184, 20.6700

Tritanomaly

21.3605, 18.8975, 20.2911

Monochromacy



Original Color

21.4832, 18.9466, 20.9371

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.5693, 19.2925, 21.4313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4832, 18.9466, 20.9371 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(149, 110, 122)` looks like.

```
.text, #text, p{  
    color:rgb(149, 110, 122)  
}
```

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(149, 110, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 110, 122) }
```

Border

The CSS property to change the border of an element to XYZ 21.4832, 18.9466, 20.9371 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(149, 110, 122) }
```


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

```
.border{ border-color:rgb(149, 110, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 110, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 110, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 110, 122);  
box-shadow:4px 4px 4px 4px rgb(149, 110,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4832, 18.9466, 20.9371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 110, 122) }
```

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

```
.background{ background-color: rgb(149,  
110, 122) }
```

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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