

Converting Colors

XYZ(21.9261, 19.3722, 17.0446)

Have a look what the booklet for
XYZ(21.9261, 19.3722, 17.0446)
contains.

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Color

**XYZ(21.9623, 19.4416,
17.0631)**

Conversions

Conversions Part 1

Format	Color
Hex	9B6F6D
RGB	155, 111, 109
RGB Percent	61%, 44%, 43%
CMY	0.3922, 0.5647, 0.5725
CMYK	0.00, 0.28, 0.30, 0.39
HSL	3°, 19%, 52%
HSV	3°, 30%, 61%
XYZ	21.9623, 19.4416, 17.0631
YIQ	123.9280, 26.8660, 8.7060

Conversions

Conversions Part 2

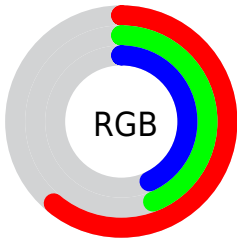
Format	Color
R_{YB}	155, 111, 109
Decimal	10186605
CIE _{Lab}	51.20, 17.16, 8.03
CIE _{LCh}	51, 18.952, 25.083
Yxy	19.4416, 0.3756, 0.3325
Android (android.graphics.Color)	4288376685 (0xFF9B6F6D)
YUV	123.9280, -7.3595, 27.2501
Hunter-Lab	44.0926, 11.7478, 7.9206

Details

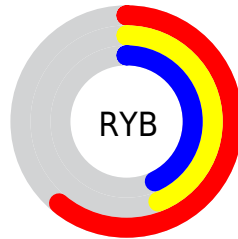
The XYZ color **21.9623, 19.4416, 17.0631** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.6138, 28.3992, 35.2473**, and the grayscale version is **19.1521, 20.1495, 21.9428**.

A 20% lighter version of the original color is **46.0207, 42.4341, 39.0228**, and **8.1265, 6.7276, 5.4277** is the 20% darker color. If you saturate the color by 10%, you get **19.7149, 16.1663, 12.5540**, and if you desaturate by 10%, it is **24.6264, 23.3146, 22.4375**.

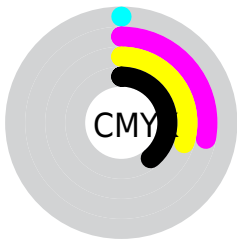
Distribution



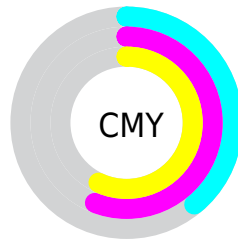
- Red (61%)
- Green (44%)
- Blue (43%)



- Red (61%)
- Yellow (44%)
- Blue (43%)



- Cyan (0%)
- Magenta (28%)
- Yellow (30%)
- Black (39%)





- Cyan (39%)
- Magenta (56%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.9623, 19.4416, 17.0631 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 21.9623, 19.4416, 17.0631 by changing the saturation by 10% instead.


 21.9623, 19.4416,
17.0631


 21.9623, 19.4416,
17.0631


254.9854,
248.8759, 247.5920


 13.9456, 11.9898,
10.1171


 46.1630, 42.4790,
39.2264

 8.1643, 6.7367,
5.3700

 63.0778, 58.8333,
55.2807

 4.2530, 3.2980,
2.4035

 83.6893, 78.9240,
75.2082

 1.8462, 1.2892,
0.7883

 108.3629,
103.1354, 99.4273

 0.5453, 0.1328,
0.0000

137.4639,
131.8519, 128.3568

 0.0000, 0.0000,
0.0000

171.3578,

165.4579, 162.4150

210.4098,
204.3378, 202.0206

■ 21.9623, 19.4416,
17.0631

■ 21.9623, 19.4416,
17.0631

■ 19.7149, 16.1663,
12.5540

■ 24.6264, 23.3146,
22.4375

■ 17.8616, 13.4563,
8.8638

■ 27.7252, 27.8100,
28.7179

■ 16.3802, 11.2805,
5.9439

■ 31.2773, 32.9545,
35.9437

■ 15.2455, 9.6035,
3.7396

■ 35.3001, 38.7724,
44.1519

■ 14.4293, 8.3858,
2.1893

■ 39.8098, 45.2870,
53.3771

■ 13.8990, 7.5819,
1.2211

■ 44.8219, 52.5201,
63.6527

■ 13.5988, 7.1266,
0.6732

■ 50.3514, 60.4927,
75.0102

■ 13.5908, 7.1151,
0.6570

■ 56.4123, 69.2251,
87.4800

■ 63.0185, 78.7367,
101.0912

Harmonies

Analogous

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



22.3332, 19.4416, 22.0715



21.9623, 19.4416, 17.0631



20.6335, 19.4416, 13.7420

Triad

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



21.9623, 19.4416, 17.0631



15.6611, 19.4416, 15.7620



18.1695, 19.4416, 33.2967

Complementary

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



21.9623, 19.4416, 17.0631



23.6138, 28.3992, 35.2473

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.



16.4793, 19.4416, 30.8802



21.9623, 19.4416, 17.0631



15.0953, 19.4416, 20.2907

Square

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



21.9623, 19.4416, 17.0631



16.9832, 19.4416, 13.0853



15.3844, 19.4416, 25.8849



20.0594, 19.4416, 32.0396

Rectangle

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



21.9623, 19.4416, 17.0631



19.4282, 19.4416, 12.6337



15.3844, 19.4416, 25.8849



17.5606, 19.4416, 32.8768

Sweetspot

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



21.9628, 19.4425, 17.0635



49.9523, 50.2385, 52.0385



24.7747, 20.2214, 32.9368



11.1224, 11.1045, 11.4050



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



21.9628, 19.4425, 17.0635



36.4292, 30.5890, 24.7280



24.7387, 24.9943, 17.9888



6.2293, 6.2637, 6.4865



10.9237, 5.7298, 0.5302



0.1683, 0.0957, 0.0096

Inverse Universe

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



23.6138, 28.3992, 35.2473



39.8988, 49.4213, 62.9727



20.2681, 21.7076, 34.1320



6.3615, 6.9804, 7.9410



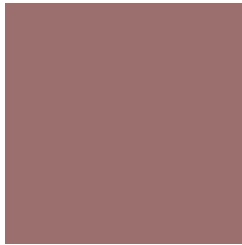
13.2968, 18.9903, 27.8724



0.2049, 0.2961, 0.4187

Previews

White Background



This preview shows how the XYZ color 21.9623, 19.4416, 17.0631 looks on a white background.

Color Contrast Check

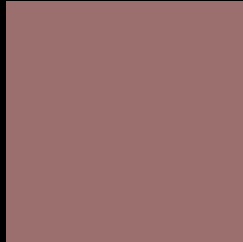
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.9623, 19.4416, 17.0631 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 21.9623, 19.4416, 17.0631

Background



This preview shows how black text looks on a background with the XYZ color 21.9623, 19.4416, 17.0631.



This preview shows how white text looks on a background with the XYZ color 21.9623, 19.4416,

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

21.9623, 19.4416, 17.0631

Protanopia

18.6582, 19.5925, 19.0180

Deuteranopia

19.8327, 19.5285, 16.9114



Tritanopia

22.5562, 19.5278, 19.7199

Trichromacy



Original Color

21.9623, 19.4416, 17.0631

Protanomaly

19.7756, 19.4675, 18.3381

Deuteranomaly

20.5146, 19.3639, 16.8437

Tritanomaly

22.3807, 19.4576, 18.7958

Monochromacy



Original Color

21.9623, 19.4416, 17.0631

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.9183, 19.6765, 20.2009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.9623, 19.4416, 17.0631 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(155, 111, 109)` looks like.

```
.text, #text, p{  
    color:rgb(155, 111, 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(155, 111, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 111, 109) }
```

Border

The CSS property to change the border of an element to XYZ 21.9623, 19.4416, 17.0631 is called "border". The border property can be set on classes, ids or directly on the HTML element.

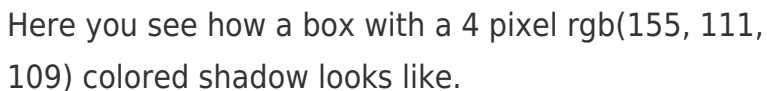
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 111, 109) }
```


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

```
.border{ border-color:rgb(155, 111, 109) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 111, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 111, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 111, 109);  
box-shadow:4px 4px 4px 4px rgb(155, 111,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 21.9623, 19.4416, 17.0631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 111, 109) }
```

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

```
.background{ background-color: rgb(155,  
111, 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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