

Converting Colors

XYZ(21.7258, 19.4190, 15.9413)

Have a look what the booklet for
XYZ(21.7258, 19.4190, 15.9413)
contains.

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Color

**XYZ(21.7518, 19.3574,
15.9545)**

Conversions

Conversions Part 1

Format	Color
Hex	9B6F69
RGB	155, 111, 105
RGB Percent	61%, 44%, 41%
CMY	0.3922, 0.5647, 0.5882
CMYK	0.00, 0.28, 0.32, 0.39
HSL	7°, 20%, 51%
HSV	7°, 32%, 61%
XYZ	21.7518, 19.3574, 15.9545
YIQ	123.4720, 28.1500, 7.4620

Conversions

Conversions Part 2

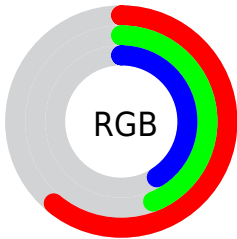
Format	Color
R_{YB}	155, 112, 105
Decimal	10186601
CIE Lab	51.10, 16.60, 10.25
CIE LCh	51, 19.512, 31.705
Yxy	19.3574, 0.3812, 0.3392
Android (android.graphics.Color)	4288376681 (0xFF9B6F69)
YUV	123.4720, -9.1067, 27.6501
Hunter-Lab	43.9970, 11.2542, 9.2978

Details

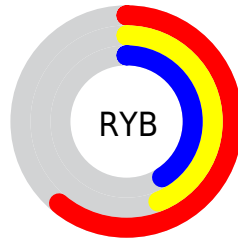
The XYZ color **21.7518, 19.3574, 15.9545** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.4891, 26.8636, 35.0102**, and the grayscale version is **19.0059, 19.9957, 21.7753**.

A 20% lighter version of the original color is **45.9619, 42.4436, 37.2225**, and **8.0207, 6.6853, 4.8706** is the 20% darker color. If you saturate the color by 10%, you get **19.6504, 16.3153, 11.6753**, and if you desaturate by 10%, it is **24.2267, 22.9139, 21.0750**.

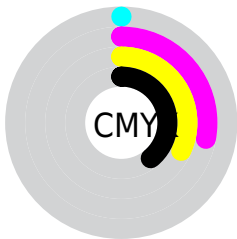
Distribution



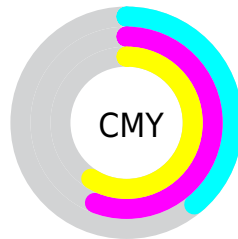
- Red (61%)
- Green (44%)
- Blue (41%)



- Red (61%)
- Yellow (44%)
- Blue (41%)



- Cyan (0%)
- Magenta (28%)
- Yellow (32%)
- Black (39%)





- Cyan (39%)
- Magenta (56%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.7518, 19.3574, 15.9545 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 21.7518, 19.3574, 15.9545 by changing the saturation by 10% instead.


 21.7518, 19.3574,
15.9545


 21.7518, 19.3574,
15.9545


253.9042,
248.4148, 240.9096


 13.7902, 11.9288,
9.3380


 45.8173, 42.3372,
37.2849


 8.0556, 6.6952,
4.8625


 62.6520, 58.6571,
52.8358

 4.1827, 3.2722,
2.1095


 83.1751, 78.7096,
72.2019

 1.8060, 1.2755,
0.6214

 107.7520,
102.8791, 95.8018

 0.5213, 0.1221,
0.0000

136.7479,
131.5500, 124.0540

 0.0000, 0.0000,
0.0000

170.5284,

165.1066, 157.3770

209.4587,
203.9334, 196.1893

■ 21.7518, 19.3574,
15.9545

■ 21.7518, 19.3574,
15.9545

■ 19.6504, 16.3153,
11.6753

■ 24.2267, 22.9139,
21.0750

■ 17.9028, 13.7613,
8.1913

■ 27.0906, 27.0042,
27.0774

■ 16.4897, 11.6705,
5.4536


■ 30.3597, 31.6501,
34.0008


■ 15.3896, 10.0150,
3.4076


■ 34.0490, 36.8713,
41.8819

■ 14.5782, 8.7640,
1.9908


■ 38.1729, 42.6866,
50.7552


 14.0275, 7.8822,
1.1299

 42.7448, 49.1140,
60.6536

 13.7439, 7.4212,
0.7081

 47.7777, 56.1705,
71.6084

 53.2840, 63.8727,
83.6496

 59.2758, 72.2365,
96.8060

Harmonies

Analogous

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



22.3772, 19.3574, 20.7612



21.7518, 19.3574, 15.9545



20.2207, 19.3574, 13.0124

Triad

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



21.7518, 19.3574, 15.9545



15.3108, 19.3574, 16.4154



18.5097, 19.3574, 33.6341

Complementary

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



21.7518, 19.3574, 15.9545



22.4891, 26.8636, 35.0102

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.



16.6895, 19.3574, 31.9303



21.7518, 19.3574, 15.9545



14.9220, 19.3574, 21.3959

Square

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



21.7518, 19.3574, 15.9545



16.5103, 19.3574, 13.2439



15.4091, 19.3574, 27.1929



20.4258, 19.3574, 31.5135

Rectangle

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



21.7518, 19.3574, 15.9545



18.9411, 19.3574, 12.1875



15.4091, 19.3574, 27.1929



17.8667, 19.3574, 33.4885

Sweetspot

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



21.7523, 19.3583, 15.9549



49.6636, 49.9951, 50.9128



24.0074, 19.2471, 30.9533



11.0755, 11.0804, 11.1744



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.



21.7523, 19.3583, 15.9549



36.0709, 30.4960, 22.6862



24.8481, 25.5500, 16.9868



6.2656, 6.3363, 6.4986



11.0554, 5.9931, 0.5741



0.1789, 0.1169, 0.0131

Inverse Universe

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



22.4891, 26.8636, 35.0102



37.6008, 46.1472, 62.4618



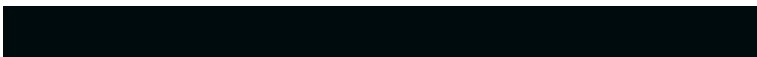
18.9708, 19.8271, 33.8375



6.3213, 6.8999, 7.9276



11.8860, 16.1687, 27.4021



0.1932, 0.2728, 0.4148

Previews

White Background



This preview shows how the XYZ color 21.7518, 19.3574, 15.9545 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 21.7518, 19.3574, 15.9545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

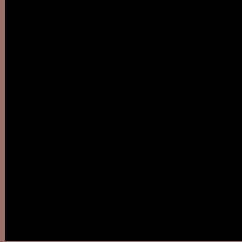
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.7518, 19.3574, 15.9545

Background



This preview shows how black text looks on a background with the XYZ color 21.7518, 19.3574, 15.9545.

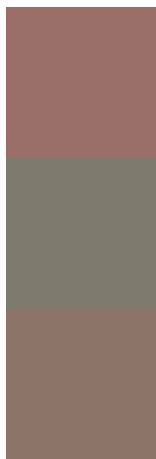


This preview shows how white text looks on a background with the XYZ color 21.7518, 19.3574,

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

21.7518, 19.3574, 15.9545

Protanopia

18.5264, 19.5569, 17.5503

Deuteranopia

19.6752, 19.2975, 15.7845



Tritanopia

22.3898, 19.2896, 19.3728

Trichromacy



Original Color

21.7518, 19.3574, 15.9545

Protanomaly

19.5017, 19.3579, 16.8960

Deuteranomaly

20.3065, 19.2807, 15.7480

Tritanomaly

22.2669, 19.4120, 18.1961

Monochromacy



Original Color

21.7518, 19.3574, 15.9545

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.7409, 19.6055, 19.2668

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7518, 19.3574, 15.9545 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, 105)` looks like.

```
.text, #text, p{  
    color:rgb(155, 111, 105)  
}
```

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, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 111, 105) }
```

Border

The CSS property to change the border of an element to XYZ 21.7518, 19.3574, 15.9545 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, 105) }
```


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

```
.border{ border-color:rgb(155, 111, 105) }
```

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, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 111, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 111, 105);  
box-shadow:4px 4px 4px 4px rgb(155, 111,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7518, 19.3574, 15.9545 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, 105) }
```

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

```
.background{ background-color: rgb(155,  
111, 105) }
```

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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