

Converting Colors

XYZ(19.0102, 18.4103, 15.4885)

Have a look what the booklet for
XYZ(19.0102, 18.4103, 15.4885)
contains.

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Color

**XYZ(18.9467, 18.4172,
15.3882)**

Conversions

Conversions Part 1

Format	Color
Hex	8A7267
RGB	138, 114, 103
RGB Percent	54%, 45%, 40%
CMY	0.4588, 0.5529, 0.5961
CMYK	0.00, 0.17, 0.25, 0.46
HSL	19°, 15%, 47%
HSV	19°, 25%, 54%
XYZ	18.9467, 18.4172, 15.3882
YIQ	119.9220, 17.8350, 1.6670

Conversions

Conversions Part 2

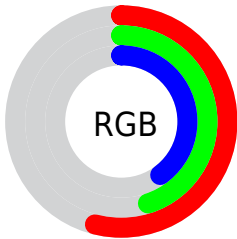
Format	Color
R_{YB}	138, 119, 103
Decimal	9073255
CIE _{Lab}	50.00, 7.60, 9.61
CIE _{LCh}	50, 12.257, 51.653
Yxy	18.4172, 0.3592, 0.3491
Android (android.graphics.Color)	4287263335 (0xFF8A7267)
YUV	119.9220, -8.3425, 15.8544
Hunter-Lab	42.9153, 3.7044, 8.7810

Details

The XYZ color **18.9467, 18.4172, 15.3882** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.7700, 19.8965, 26.9486**, and the grayscale version is **17.8499, 18.7795, 20.4509**.

A 20% lighter version of the original color is **41.2072, 40.8120, 36.2775**, and **6.5925, 6.2082, 4.5922** is the 20% darker color. If you saturate the color by 10%, you get **17.2979, 16.1381, 11.6987**, and if you desaturate by 10%, it is **20.8212, 20.9646, 19.7174**.

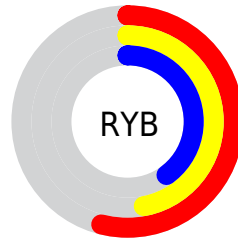
Distribution



Red (54%)

Green (45%)

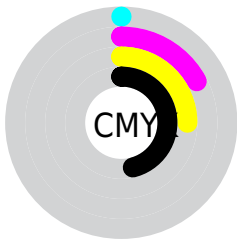
Blue (40%)



Red (54%)

Yellow (47%)

Blue (40%)

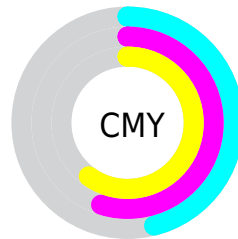


Cyan (0%)

Magenta (17%)

Yellow (25%)

Black (46%)



Cyan (46%)

Magenta (55%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9467, 18.4172, 15.3882 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 18.9467, 18.4172, 15.3882 by changing the saturation by 10% instead.

■ 18.9467, 18.4172,
15.3882

■ 18.9467, 18.4172,
15.3882

239.0981,
243.2122, 237.4252

■ 11.7355, 11.2499,
8.9426

■ 41.1616, 40.7470,
36.2847

■ 6.6348, 6.2352,
4.6075

■ 56.8960, 56.6782,
51.5726

■ 3.2791, 2.9886,
1.9642

■ 76.2023, 76.2996,
70.6452

■ 1.3030, 1.1258,
0.5331

■ 99.4457, 99.9955,
93.9208

■ 0.1855, 0.0000,
0.0000

126.9916,
128.1503, 121.8181

■ 0.0000, 0.0000,
0.0000

159.2054,

161.1485, 154.7556

196.4525,
199.3743, 193.1517

■ 18.9467, 18.4172,
15.3882

■ 18.9467, 18.4172,
15.3882

■ 17.2979, 16.1381,
11.6987

■ 20.8212, 20.9646,
19.7174

■ 15.8645, 14.1157,
8.6172

■ 22.9285, 23.7862,
24.7139

■ 14.6373, 12.3416,
6.1109

■ 25.2769, 26.8910,
30.4047

■ 13.6059, 10.8056,
4.1434

■ 27.8740, 30.2866,
36.8152

■ 12.7591, 9.4970,
2.6741

■ 30.7271, 33.9807,
43.9695

■ 12.0840, 8.4040,
1.6565

■ 33.8431, 37.9802,
51.8906

■ 11.5640, 7.5127,
1.0244

■ 37.2286, 42.2921,
60.6003

■ 11.3591, 7.1591,
0.7832

■ 40.8902, 46.9232,
70.1198

■ 44.8339, 51.8800,
80.4692

Harmonies

Analogous

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



19.6934, 18.4172, 17.7559



18.9467, 18.4172, 15.3882



17.8355, 18.4172, 14.3006

Triad

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



18.9467, 18.4172, 15.3882



15.3603, 18.4172, 19.1271



18.3532, 18.4172, 26.6993

Complementary

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



18.9467, 18.4172, 15.3882



17.7700, 19.8965, 26.9486

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.



17.1786, 18.4172, 27.1724



18.9467, 18.4172, 15.3882



15.4850, 18.4172, 22.5406

Square

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



18.9467, 18.4172, 15.3882



15.7897, 18.4172, 16.2954



16.1383, 18.4172, 25.5769



19.3402, 18.4172, 24.3484

Rectangle

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



18.9467, 18.4172, 15.3882



17.0519, 18.4172, 14.3525



16.1383, 18.4172, 25.5769



17.9660, 18.4172, 27.0930

Sweetspot

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



18.9472, 18.4180, 15.3886



39.3297, 40.4804, 40.9668



19.1950, 16.6493, 22.4520



8.7071, 8.9268, 8.9167



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



18.9472, 18.4180, 15.3886



31.8146, 30.2857, 23.5542



21.0458, 22.6152, 16.0881



5.1529, 5.2886, 5.3016



10.4267, 6.5878, 0.7220



0.0812, 0.0677, 0.0088

Inverse Universe

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



17.7700, 19.8965, 26.9486



29.3977, 33.3135, 47.2639



15.7570, 15.8706, 26.2776



5.0424, 5.4278, 6.3878



7.9397, 9.1498, 23.3933



0.0659, 0.0871, 0.1598

Previews

White Background



This preview shows how the XYZ color 18.9467, 18.4172, 15.3882 looks on a white background.

Color Contrast Check

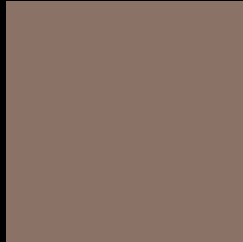
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.9467, 18.4172, 15.3882 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 18.9467, 18.4172, 15.3882

Background



This preview shows how black text looks on a background with the XYZ color 18.9467, 18.4172, 15.3882.

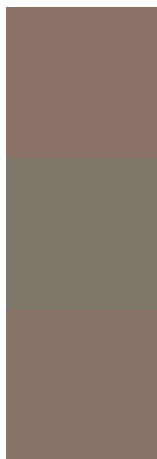


This preview shows how white text looks on a background with the XYZ color 18.9467, 18.4172,

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

18.9467, 18.4172, 15.3882

Protanopia

17.4588, 18.4987, 16.0150

Deuteranopia

18.7323, 18.4750, 15.4107



Tritanopia

19.8898, 18.3004, 20.2533

Trichromacy



Original Color

18.9467, 18.4172, 15.3882

Protanomaly

17.9132, 18.3892, 15.7020

Deuteranomaly

18.8954, 18.5591, 15.4183

Tritanomaly

19.4789, 18.2922, 18.4237

Monochromacy



Original Color

18.9467, 18.4172, 15.3882

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.2681, 18.6838, 18.5631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9467, 18.4172, 15.3882 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(138, 114, 103) looks like.

```
.text, #text, p{  
    color:rgb(138, 114, 103)  
}
```

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(138, 114, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 114, 103) }
```

Border

The CSS property to change the border of an element to XYZ 18.9467, 18.4172, 15.3882 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(138, 114, 103) }
```


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

```
.border{ border-color:rgb(138, 114, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 114, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 114, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 114, 103);  
box-shadow:4px 4px 4px 4px rgb(138, 114,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9467, 18.4172, 15.3882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 114, 103) }
```

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

```
.background{ background-color: rgb(138,  
114, 103) }
```

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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