

Converting Colors

XYZ(15.7223, 11.8639, 7.8767)

Have a look what the booklet for
XYZ(15.7223, 11.8639, 7.8767)
contains.

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Color

**XYZ(15.7440, 11.9132,
7.9482)**

Conversions

Conversions Part 1

Format	Color
Hex	924D4A
RGB	146, 77, 74
RGB Percent	57%, 30%, 29%
CMY	0.4275, 0.6980, 0.7098
CMYK	0.00, 0.47, 0.49, 0.43
HSL	3°, 33%, 43%
HSV	3°, 49%, 57%
XYZ	15.7440, 11.9132, 7.9482
YIQ	97.2890, 42.0870, 13.6950

Conversions

Conversions Part 2

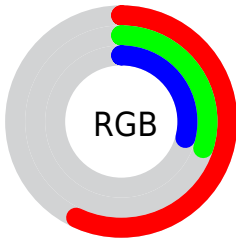
Format	Color
R_{YB}	146, 77, 74
Decimal	9588042
CIE Lab	41.08, 28.57, 14.82
CIE LCh	41, 32.188, 27.422
Yxy	11.9132, 0.4422, 0.3346
Android (android.graphics.Color)	4287778122 (0xFF924D4A)
YUV	97.2890, -11.4815, 42.7195
Hunter-Lab	34.5155, 21.0194, 10.5076

Details

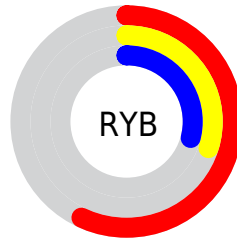
The XYZ color **15.7440, 11.9132, 7.9482** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.8342, 23.1748, 30.7273**, and the grayscale version is **11.4539, 12.0504, 13.1229**.

A 20% lighter version of the original color is **35.7931, 29.3053, 22.5089**, and **5.1122, 3.2976, 1.5953** is the 20% darker color. If you saturate the color by 10%, you get **14.4322, 9.9875, 5.3595**, and if you desaturate by 10%, it is **17.3812, 14.3070, 11.2089**.

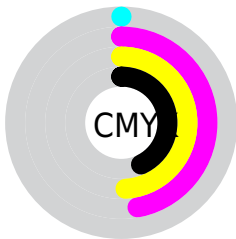
Distribution



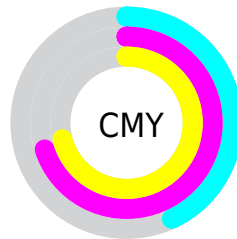
- Red (57%)
- Green (30%)
- Blue (29%)



- Red (57%)
- Yellow (30%)
- Blue (29%)



- Cyan (0%)
- Magenta (47%)
- Yellow (49%)
- Black (43%)



- Cyan (43%)
- Magenta (70%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7440, 11.9132, 7.9482 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 15.7440, 11.9132, 7.9482 by changing the saturation by 10% instead.

■ 15.7440, 11.9132,
7.9482

■ 15.7440, 11.9132,
7.9482

221.1266,
203.8298, 185.2446

■ 9.4329, 6.6846,
3.9745

■ 35.7143, 29.3369,
22.4013

■ 5.0840, 3.2656,
1.6114

■ 50.1041, 42.3008,
33.7179

■ 2.3319, 1.2719,
0.2989

■ 67.9175, 58.6120,
48.3191

■ 0.8109, 0.1193,
0.0000

■ 89.5200, 78.6547,
66.6235

■ 0.0000, 0.0000,
0.0000

■ 115.2767,
102.8135, 89.0498

145.5532,

131.4727, 116.0163

180.7147,
165.0166, 147.9417

■ 15.7440, 11.9132,
7.9482

■ 15.7440, 11.9132,
7.9482

■ 14.4322, 9.9875,
5.3595

■ 17.3812, 14.3070,
11.2089

■ 13.4231, 8.4975,
3.3952

■ 19.3625, 17.1946,
15.1832

■ 12.6929, 7.4097,
2.0030


■ 21.7063, 20.6024,
19.9100


■ 12.2135, 6.6851,
1.1213


■ 24.4295, 24.5542,
25.4256

■ 11.9361, 6.2662,
0.6091


■ 27.5478, 29.0722,
31.7635

 11.9202, 6.2432,
0.5768

 31.0762, 34.1775,
38.9555

 35.0287, 39.8902,
47.0317

 39.4188, 46.2293,
56.0207

 44.2594, 53.2131,
65.9498

Harmonies

Analogous

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



16.3686, 11.9132, 13.5524



15.7440, 11.9132, 7.9482



13.8887, 11.9132, 4.9304

Triad

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



15.7440, 11.9132, 7.9482



7.9758, 11.9132, 7.2541



11.1244, 11.9132, 30.2942

Complementary

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



15.7440, 11.9132, 7.9482



17.8342, 23.1748, 30.7273

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.



9.0947, 11.9132, 26.9249



15.7440, 11.9132, 7.9482



7.4383, 11.9132, 12.4073

Square

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



15.7440, 11.9132, 7.9482



9.3972, 11.9132, 4.6361



7.8186, 11.9132, 19.7607



13.4958, 11.9132, 27.8673

Rectangle

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



15.7440, 11.9132, 7.9482



12.3188, 11.9132, 4.0924



7.8186, 11.9132, 19.7607



10.3826, 11.9132, 29.7821

Sweetspot

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



15.7443, 11.9138, 7.9484



40.1375, 39.0239, 38.8561



19.3064, 13.0100, 27.7192



8.7344, 8.3988, 8.2501



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.



15.7443, 11.9138, 7.9484



25.2827, 17.3580, 9.1072



18.9285, 18.2823, 9.0098



5.8191, 5.8519, 6.0633



10.4940, 5.5024, 0.5090



0.1323, 0.0751, 0.0075

Inverse Universe

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



17.8342, 23.1748, 30.7273



29.3949, 39.5578, 54.0597



13.3329, 14.1722, 29.2269



5.9436, 6.5212, 7.4152



12.8108, 18.3164, 26.7913



0.1620, 0.2345, 0.3296

Previews

White Background



This preview shows how the XYZ color 15.7440, 11.9132, 7.9482 looks on a white background.

Color Contrast Check

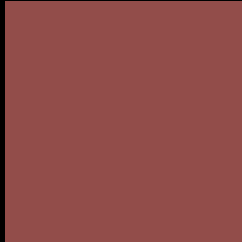
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 15.7440, 11.9132, 7.9482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

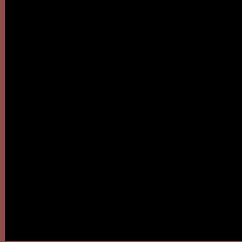
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.7440, 11.9132, 7.9482

Background



This preview shows how black text looks on a background with the XYZ color 15.7440, 11.9132, 7.9482.



This preview shows how white text looks on a background with the XYZ color 15.7440, 11.9132,

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

15.7440, 11.9132, 7.9482

Protanopia

11.3155, 11.9987, 9.9032

Deuteranopia

12.1219, 11.9285, 7.6248



Tritanopia

16.1023, 11.9660, 9.2456

Trichromacy



Original Color

15.7440, 11.9132, 7.9482

Protanomaly

12.5753, 11.7431, 9.1933

Deuteranomaly

13.1821, 11.7199, 7.6983

Tritanomaly

15.9922, 11.9220, 8.6660

Monochromacy



Original Color

15.7440, 11.9132, 7.9482

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

12.5296, 11.6784, 11.0450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7440, 11.9132, 7.9482 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, 77, 74)` looks like.

```
.text, #text, p{  
    color:rgb(146, 77, 74)  
}
```

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, 77, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 77, 74) }
```

Border

The CSS property to change the border of an element to XYZ 15.7440, 11.9132, 7.9482 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, 77, 74) }
```


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

```
.border{ border-color:rgb(146, 77, 74) }
```

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

Here you see how a box with a 4 pixel rgb(146, 77, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 77, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 77, 74);  
box-shadow:4px 4px 4px 4px rgb(146, 77,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7440, 11.9132, 7.9482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 77, 74) }
```

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

```
.background{ background-color: rgb(146, 77,  
74) }
```

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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