

Converting Colors

XYZ(15.9049, 12.0967, 8.0357)

Have a look what the booklet for
XYZ(15.9049, 12.0967, 8.0357)
contains.

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Color

**XYZ(15.8145, 12.0542,
7.9717)**

Conversions

Conversions Part 1

Format	Color
Hex	924E4A
RGB	146, 78, 74
RGB Percent	57%, 31%, 29%
CMY	0.4275, 0.6941, 0.7098
CMYK	0.00, 0.47, 0.49, 0.43
HSL	3°, 33%, 43%
HSV	3°, 49%, 57%
XYZ	15.8145, 12.0542, 7.9717
YIQ	97.8760, 41.8120, 13.1720

Conversions

Conversions Part 2

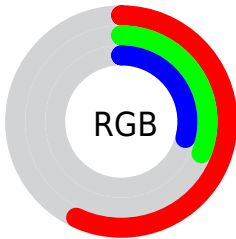
Format	Color
RYB	146, 78, 74
Decimal	9588298
CIELab	41.30, 28.01, 15.13
CIELCh	41, 31.838, 28.371
Yxy	12.0542, 0.4412, 0.3363
Android (android.graphics.Color)	4287778378 (0xFF924E4A)
YUV	97.8760, -11.7709, 42.2047
Hunter-Lab	34.7192, 20.5478, 10.6901

Details

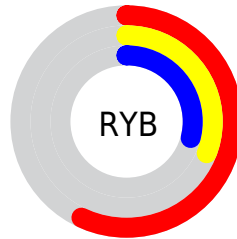
The XYZ color **15.8145, 12.0542, 7.9717** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.6848, 22.8760, 30.6775**, and the grayscale version is **11.6000, 12.2041, 13.2903**.

A 20% lighter version of the original color is **35.9229, 29.5649, 22.5521**, and **5.1380, 3.3490, 1.6039** is the 20% darker color. If you saturate the color by 10%, you get **14.4995, 10.1222, 5.3819**, and if you desaturate by 10%, it is **17.4497, 14.4440, 11.2317**.

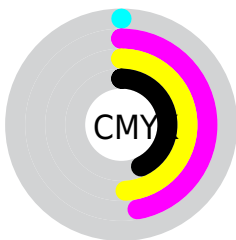
Distribution



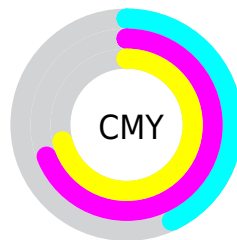
- Red (57%)
- Green (31%)
- Blue (29%)



- Red (57%)
- Yellow (31%)
- Blue (29%)



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



- Cyan (43%)
- Magenta (69%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8145, 12.0542, 7.9717 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 15.8145, 12.0542, 7.9717 by changing the saturation by 10% instead.

■ 15.8145, 12.0542,
7.9717

■ 15.8145, 12.0542,
7.9717

221.5366,
204.7638, 185.4362

■ 9.4830, 6.7806,
3.9893

■ 35.8359, 29.5938,
22.4482

■ 5.1172, 3.3253,
1.6195

■ 50.2566, 42.6286,
33.7794

■ 2.3516, 1.3038,
0.3047

■ 68.1043, 59.0192,
48.3973

■ 0.8209, 0.1442,
0.0000

■ 89.7444, 79.1500,
66.7205

■ 0.0000, 0.0000,
0.0000

■ 115.5424,
103.4055, 89.1674

145.8635,

132.1701, 116.1566

181.0731,
165.8280, 148.1067

■ 15.8145, 12.0542,
7.9717

■ 15.8145, 12.0542,
7.9717

■ 14.4995, 10.1222,
5.3819

■ 17.4497, 14.4440,
11.2317

■ 13.4829, 8.6169,
3.4151

■ 19.4232, 17.3161,
15.2034

■ 12.7414, 7.5066,
2.0191

■ 21.7530, 20.6958,
19.9256

■ 12.2481, 6.7542,
1.1328

■ 24.4554, 24.6059,
25.4342

■ 11.9579, 6.3099,
0.6164

■ 27.5457, 29.0678,
31.7628

■ 11.9422, 6.2872,
0.5841

■ 31.0384, 34.1019,
38.9429

■ 34.9473, 39.7273,
47.0045

■ 39.2854, 45.9624,
55.9762

■ 44.0652, 52.8247,
65.8850

Harmonies

Analogous

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



16.4811, 12.0542, 13.4891



15.8145, 12.0542, 7.9717



13.9413, 12.0542, 5.0143

Triad

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



15.8145, 12.0542, 7.9717



8.0836, 12.0542, 7.5318



11.3316, 12.0542, 30.3333

Complementary

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



15.8145, 12.0542, 7.9717



17.6848, 22.8760, 30.6775

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.



9.2872, 12.0542, 27.1647



15.8145, 12.0542, 7.9717



7.5745, 12.0542, 12.7675

Square

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



15.8145, 12.0542, 7.9717



9.4782, 12.0542, 4.8267



7.9841, 12.0542, 20.1248



13.6940, 12.0542, 27.7549

Rectangle

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



15.8145, 12.0542, 7.9717



12.3737, 12.0542, 4.2067



7.9841, 12.0542, 20.1248



10.5870, 12.0542, 29.8891

Sweetspot

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



15.8148, 12.0548, 7.9719



40.2066, 39.1622, 38.8791



19.2154, 12.9736, 27.2403



8.7512, 8.4324, 8.2557



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.



15.8148, 12.0548, 7.9719



25.4006, 17.5938, 9.1465



19.0624, 18.5500, 9.0545



5.8252, 5.8641, 6.0653



10.5148, 5.5440, 0.5159



0.1338, 0.0781, 0.0080

Inverse Universe

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



17.6848, 22.8760, 30.6775



29.0753, 38.9188, 53.9532



13.2078, 13.9219, 29.1852



5.9368, 6.5076, 7.4129



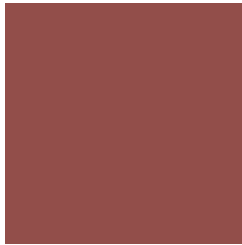
12.5540, 17.8028, 26.7057



0.1604, 0.2315, 0.3291

Previews

White Background



This preview shows how the XYZ color 15.8145, 12.0542, 7.9717 looks on a white background.

Color Contrast Check

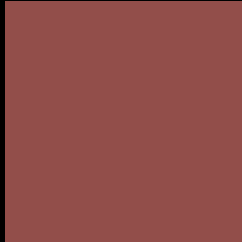
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.8145, 12.0542, 7.9717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

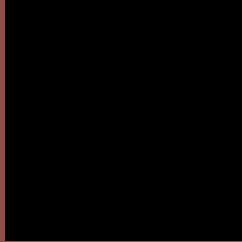
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.8145, 12.0542, 7.9717

Background



This preview shows how black text looks on a background with the XYZ color 15.8145, 12.0542, 7.9717.



This preview shows how white text looks on a background with the XYZ color 15.8145, 12.0542,

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

15.8145, 12.0542, 7.9717

Protanopia

11.5225, 12.2435, 9.9395

Deuteranopia

12.3425, 12.1733, 7.6604



Tritanopia

16.2095, 12.1200, 9.4677

Trichromacy



Original Color

15.8145, 12.0542, 7.9717

Protanomaly

12.7968, 11.9833, 9.2280

Deuteranomaly

13.4118, 11.9594, 7.7324

Tritanomaly

16.0978, 12.0753, 8.8795

Monochromacy



Original Color

15.8145, 12.0542, 7.9717

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

12.6145, 11.8483, 11.0733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8145, 12.0542, 7.9717 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, 78, 74)` looks like.

```
.text, #text, p{  
    color:rgb(146, 78, 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, 78, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 78, 74) }
```

Border

The CSS property to change the border of an element to XYZ 15.8145, 12.0542, 7.9717 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, 78, 74) }
```


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

```
.border{ border-color:rgb(146, 78, 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, 78, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 78, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 78, 74);  
box-shadow:4px 4px 4px 4px rgb(146, 78,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8145, 12.0542, 7.9717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 78, 74) }
```

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

```
.background{ background-color: rgb(146, 78,  
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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