

Converting Colors

XYZ(16.2327, 12.1387, 7.9703)

Have a look what the booklet for
XYZ(16.2327, 12.1387, 7.9703)
contains.

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Color

**XYZ(16.2843, 12.1917,
7.9735)**

Conversions

Conversions Part 1

Format	Color
Hex	954D4A
RGB	149, 77, 74
RGB Percent	58%, 30%, 29%
CMY	0.4157, 0.6980, 0.7098
CMYK	0.00, 0.48, 0.50, 0.42
HSL	2°, 34%, 44%
HSV	2°, 50%, 58%
XYZ	16.2843, 12.1917, 7.9735
YIQ	98.1860, 43.8750, 14.3310

Conversions

Conversions Part 2

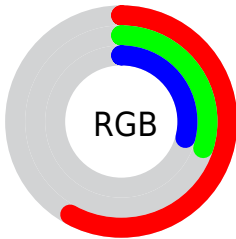
Format	Color
RYB	149, 77, 74
Decimal	9784650
CIELab	41.52, 29.78, 15.50
CIElCh	42, 33.566, 27.495
Yxy	12.1917, 0.4468, 0.3345
Android (android.graphics.Color)	4287974730 (0xFF954D4A)
YUV	98.1860, -11.9237, 44.5639
Hunter-Lab	34.9166, 22.1442, 10.9023

Details

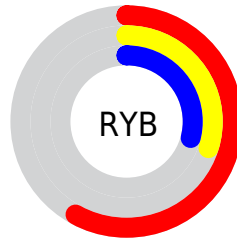
The XYZ color **16.2843, 12.1917, 7.9735** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.5271, 24.1822, 32.1248**, and the grayscale version is **11.6772, 12.2853, 13.3787**.

A 20% lighter version of the original color is **36.7479, 29.9902, 22.5908**, and **5.2898, 3.3522, 1.5965** is the 20% darker color. If you saturate the color by 10%, you get **14.9474, 10.2284, 5.3378**, and if you desaturate by 10%, it is **17.9608, 14.6440, 11.3092**.

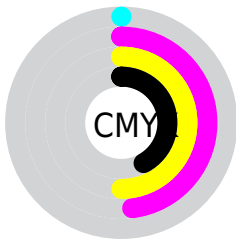
Distribution



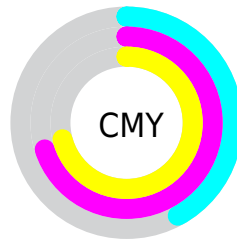
- Red (58%)
- Green (30%)
- Blue (29%)



- Red (58%)
- Yellow (30%)
- Blue (29%)



- Cyan (0%)
- Magenta (48%)
- Yellow (50%)
- Black (42%)



- Cyan (42%)
- Magenta (70%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2843, 12.1917, 7.9735 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 16.2843, 12.1917, 7.9735 by changing the saturation by 10% instead.

■ 16.2843, 12.1917,
7.9735

■ 16.2843, 12.1917,
7.9735

224.2511,
205.6703, 185.4509

■ 9.8177, 6.8744,
3.9905

■ 36.6445, 29.8438,
22.4518

■ 5.3396, 3.3837,
1.6201

■ 51.2689, 42.9473,
33.7841

■ 2.4846, 1.3352,
0.3051

■ 69.3431, 59.4150,
48.4033

■ 0.8875, 0.1682,
0.0000

■ 91.2327, 79.6313,
66.7279

■ 0.0000, 0.0000,
0.0000

■ 117.3029,
103.9806, 89.1764

147.9192,

132.8473, 116.1673

183.4468,
166.6157, 148.1193

■ 16.2843, 12.1917,
7.9735

■ 16.2843, 12.1917,
7.9735

■ 14.9474, 10.2284,
5.3378

■ 17.9608, 14.6440,
11.3092

■ 13.9261, 8.7195,
3.3517

■ 19.9969, 17.6130,
15.3893

■ 13.1946, 7.6292,
1.9591

■ 22.4123, 21.1265,
20.2552

■ 12.7229, 6.9153,
1.0941

■ 25.2248, 25.2099,
25.9449

■ 12.4591, 6.5191,
0.6016

■ 28.4511, 29.8870,
32.4943

■ 32.1070, 35.1800,
39.9369

■ 36.2076, 41.1103,
48.3045

■ 40.7671, 47.6981,
57.6273

■ 45.7990, 54.9627,
67.9342

Harmonies

Analogous

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



16.9546, 12.1917, 13.8726



16.2843, 12.1917, 7.9735



14.3055, 12.1917, 4.8432

Triad

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



16.2843, 12.1917, 7.9735



8.0545, 12.1917, 7.2688



11.3833, 12.1917, 31.8080

Complementary

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



16.2843, 12.1917, 7.9735



18.5271, 24.1822, 32.1248

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.



9.2382, 12.1917, 28.1959



16.2843, 12.1917, 7.9735



7.4931, 12.1917, 12.6942

Square

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



16.2843, 12.1917, 7.9735



9.5480, 12.1917, 4.5485



7.8942, 12.1917, 20.5207



13.8994, 12.1917, 29.1807

Rectangle

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



16.2843, 12.1917, 7.9735



12.6371, 12.1917, 3.9847



7.8942, 12.1917, 20.5207



10.5983, 12.1917, 31.2616

Sweetspot

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



16.2846, 12.1923, 7.9737



42.5808, 41.3837, 41.2122



20.0705, 13.3781, 28.9228



9.2273, 8.8674, 8.7101



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



16.2846, 12.1923, 7.9737



26.5855, 18.0475, 9.2001



19.6477, 18.9186, 9.0948



5.8183, 5.8504, 6.0631



10.4915, 5.4974, 0.5081



0.1321, 0.0747, 0.0075

Inverse Universe

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



18.5271, 24.1822, 32.1248



31.0461, 41.9422, 57.3806



13.7175, 14.5631, 30.5216



5.9444, 6.5228, 7.4155



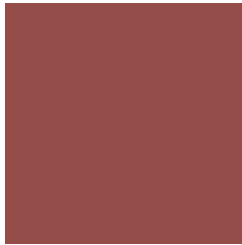
12.8421, 18.3790, 26.8017



0.1622, 0.2349, 0.3297

Previews

White Background



This preview shows how the XYZ color 16.2843, 12.1917, 7.9735 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 16.2843, 12.1917, 7.9735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

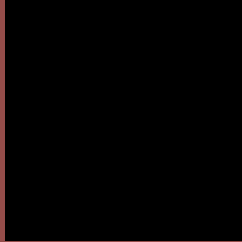
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.2843, 12.1917, 7.9735

Background



This preview shows how black text looks on a background with the XYZ color 16.2843, 12.1917, 7.9735.



This preview shows how white text looks on a background with the XYZ color 16.2843, 12.1917,

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

16.2843, 12.1917, 7.9735

Protanopia

11.6768, 12.3185, 10.1498

Deuteranopia

12.4762, 12.2422, 7.6667



Tritanopia

16.6473, 12.2470, 9.2711

Trichromacy



Original Color

16.2843, 12.1917, 7.9735

Protanomaly

12.8499, 11.8846, 9.2061

Deuteranomaly

13.7127, 12.1145, 7.7465

Tritanomaly

16.5373, 12.2030, 8.6915

Monochromacy



Original Color

16.2843, 12.1917, 7.9735

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

12.7955, 11.8155, 11.0574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2843, 12.1917, 7.9735 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(149, 77, 74)` looks like.

```
.text, #text, p{  
    color:rgb(149, 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(149, 77, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 77, 74) }
```

Border

The CSS property to change the border of an element to XYZ 16.2843, 12.1917, 7.9735 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(149, 77, 74) }
```


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

```
.border{ border-color:rgb(149, 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(149, 77, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 77, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 77, 74);  
box-shadow:4px 4px 4px 4px rgb(149, 77,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2843, 12.1917, 7.9735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 77, 74) }
```

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

```
.background{ background-color: rgb(149, 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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