

Converting Colors

XYZ(15.1255, 10.9481, 9.6292)

Have a look what the booklet for
XYZ(15.1255, 10.9481, 9.6292)
contains.

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Color

**XYZ(15.1812, 10.9862,
9.7079)**

Conversions

Conversions Part 1

Format	Color
Hex	8F4754
RGB	143, 71, 84
RGB Percent	56%, 28%, 33%
CMY	0.4392, 0.7216, 0.6706
CMYK	0.00, 0.50, 0.41, 0.44
HSL	349°, 34%, 42%
HSV	349°, 50%, 56%
XYZ	15.1812, 10.9862, 9.7079
YIQ	94.0100, 38.7390, 19.3070

Conversions

Conversions Part 2

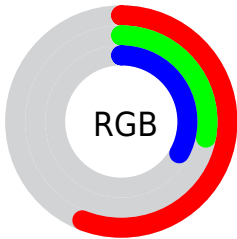
Format	Color
RYB	143, 71, 84
Decimal	9389908
CIELab	39.56, 31.81, 6.44
CIElCh	40, 32.460, 11.444
Yxy	10.9862, 0.4232, 0.3062
Android (android.graphics.Color)	4287579988 (0xFF8F4754)
YUV	94.0100, -4.9349, 42.9642
Hunter-Lab	33.1454, 23.7517, 5.8365

Details

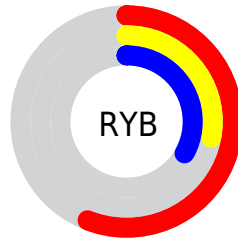
The XYZ color **15.1812, 10.9862, 9.7079** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.4509, 22.5966, 24.6150**, and the grayscale version is **10.6469, 11.2013, 12.1983**.

A 20% lighter version of the original color is **34.6242, 27.5103, 25.6754**, and **4.7729, 2.8441, 2.2169** is the 20% darker color. If you saturate the color by 10%, you get **13.9552, 9.2083, 7.2211**, and if you desaturate by 10%, it is **16.6986, 13.2240, 12.6710**.

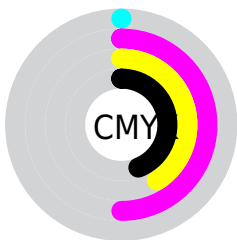
Distribution



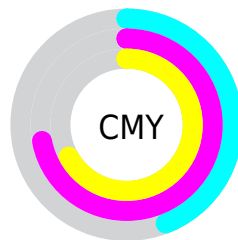
- Red (56%)
- Green (28%)
- Blue (33%)



- Red (56%)
- Yellow (28%)
- Blue (33%)



- Cyan (0%)
- Magenta (50%)
- Yellow (41%)
- Black (44%)





- Cyan (44%)
- Magenta (72%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.1812, 10.9862, 9.7079 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 15.1812, 10.9862, 9.7079 by changing the saturation by 10% instead.


 15.1812, 10.9862,
9.7079


 15.1812, 10.9862,
9.7079


217.8271,
197.5729, 198.9829


 9.0338, 6.0576,
5.1027


 34.7398, 27.6346,
25.8438


 4.8205, 2.8801,
2.2478


 48.8817, 40.1232,
38.2115


 2.1760, 1.0695,
0.7018

 66.4192, 55.9006,
54.0038

 0.7301, 0.0000,
0.0000

 87.7175, 75.3511,
73.6392

 0.0000, 0.0000,
0.0000

 113.1421, 98.8592,
97.5363

143.0584,

126.8093, 126.1136

177.8315,
159.5857, 159.7896

■ 15.1812, 10.9862,
9.7079

■ 15.1812, 10.9862,
9.7079

■ 13.9552, 9.2083,
7.2211

■ 16.6986, 13.2240,
12.6710

■ 13.0007, 7.8566,
5.1847

■ 18.5240, 15.9490,
16.1331

■ 12.2966, 6.8956,
3.5714

■ 20.6734, 19.1884,
20.1162

■ 11.8181, 6.2829,
2.3505

■ 23.1618, 22.9666,
24.6406

■ 11.5121, 5.9134,
1.5010

■ 26.0031, 27.3069,
29.7258

■ 29.2104, 32.2309,
35.3901

■ 32.7961, 37.7592,
41.6511

■ 36.7722, 43.9113,
48.5255

■ 41.1499, 50.7059,
56.0295

Harmonies

Analogous

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



15.0069, 10.9862, 16.2644



15.1812, 10.9862, 9.7079



13.9594, 10.9862, 5.5834

Triad

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



15.1812, 10.9862, 9.7079



7.8762, 10.9862, 4.9659



9.1482, 10.9862, 27.5908

Complementary

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



15.1812, 10.9862, 9.7079



16.4509, 22.5966, 24.6150

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.



7.5716, 10.9862, 21.9514



15.1812, 10.9862, 9.7079



6.9117, 10.9862, 8.4945

Square

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



15.1812, 10.9862, 9.7079



9.6220, 10.9862, 3.5635



6.8087, 10.9862, 14.5408



11.3074, 10.9862, 28.2780

Rectangle

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



15.1812, 10.9862, 9.7079



12.6062, 10.9862, 4.1446



6.8087, 10.9862, 14.5408



8.5410, 10.9862, 26.1382

Sweetspot

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



15.1815, 10.9868, 9.7081



39.1868, 37.6433, 39.9768



16.3869, 11.2203, 27.2888



8.7957, 8.3431, 8.8203



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.



15.1815, 10.9868, 9.7081



24.8142, 16.2365, 12.5626



16.4504, 14.2650, 7.8483



5.4462, 5.4390, 5.8476



10.1849, 5.2310, 1.3588



0.1033, 0.0524, 0.0443

Inverse Universe

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



15.1815, 10.9868, 9.7081



24.8142, 16.2365, 12.5626



14.2975, 16.8044, 28.4767



5.4462, 5.4390, 5.8476



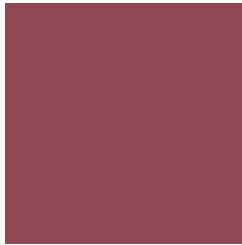
10.1849, 5.2310, 1.3588



0.1033, 0.0524, 0.0443

Previews

White Background



This preview shows how the XYZ color 15.1812, 10.9862, 9.7079 looks on a white background.

Color Contrast Check

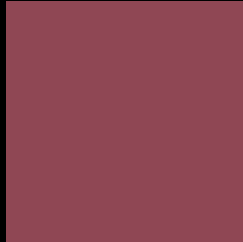
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.1812, 10.9862, 9.7079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

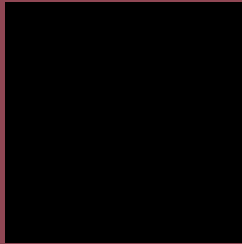
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.1812, 10.9862, 9.7079

Background



This preview shows how black text looks on a background with the XYZ color 15.1812, 10.9862, 9.7079.



This preview shows how white text looks on a background with the XYZ color 15.1812, 10.9862,

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

15.1812, 10.9862, 9.7079

Protanopia

10.7450, 11.1061, 12.6437

Deuteranopia

11.2048, 11.0322, 9.3235



Tritanopia

14.8122, 10.9213, 8.3485

Trichromacy



Original Color

15.1812, 10.9862, 9.7079

Protanomaly

11.8624, 10.7145, 11.5681

Deuteranomaly

12.3620, 10.7888, 9.4135

Tritanomaly

14.9207, 10.9647, 8.9194

Monochromacy



Original Color

15.1812, 10.9862, 9.7079

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

11.8553, 10.8385, 11.1401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1812, 10.9862, 9.7079 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(143, 71, 84)` looks like.

```
.text, #text, p{  
    color:rgb(143, 71, 84)  
}
```

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(143, 71, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 71, 84) }
```

Border

The CSS property to change the border of an element to XYZ 15.1812, 10.9862, 9.7079 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(143, 71, 84) }
```


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

```
.border{ border-color:rgb(143, 71, 84) }
```

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

Here you see how a box with a 4 pixel rgb(143, 71, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 71, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 71, 84);  
box-shadow:4px 4px 4px 4px rgb(143, 71,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1812, 10.9862, 9.7079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 71, 84) }
```

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

```
.background{ background-color: rgb(143, 71,  
84) }
```

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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