

Converting Colors

XYZ(15.8976, 11.6879, 7.8967)

Have a look what the booklet for
XYZ(15.8976, 11.6879, 7.8967)
contains.

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Color

**XYZ(15.8976, 11.6879,
7.8967)**

Conversions

Conversions Part 1

Format	Color
Hex	944A4A
RGB	148, 74, 74
RGB Percent	58%, 29%, 29%
CMY	0.4196, 0.7098, 0.7098
CMYK	0.00, 0.50, 0.50, 0.42
HSL	0°, 33%, 44%
HSV	0°, 50%, 58%
XYZ	15.8976, 11.6879, 7.8967
YIQ	96.1260, 44.1040, 15.6880

Conversions

Conversions Part 2

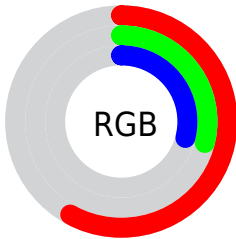
Format	Color
R_{YB}	148, 74, 74
Decimal	9718346
CIE _{Lab}	40.72, 31.02, 14.38
CIE _{LCh}	41, 34.194, 24.870
Yxy	11.6879, 0.4480, 0.3294
Android (android.graphics.Color)	4287908426 (0xFF944A4A)
YUV	96.1260, -10.9081, 45.4935
Hunter-Lab	34.1876, 23.1762, 10.2364

Details

The XYZ color **15.8976, 11.6879, 7.8967** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.7587, 24.7726, 31.8099**, and the grayscale version is **11.1673, 11.7489, 12.7945**.

A 20% lighter version of the original color is **35.9596, 28.8245, 22.4073**, and **5.1179, 3.1597, 1.5684** is the 20% darker color. If you saturate the color by 10%, you get **14.5819, 9.7628, 5.2809**, and if you desaturate by 10%, it is **17.5636, 14.1260, 11.2083**.

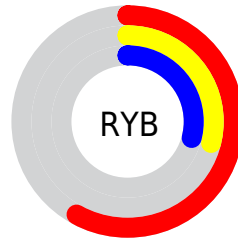
Distribution



Red (58%)

Green (29%)

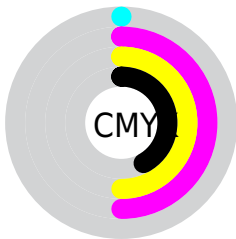
Blue (29%)



Red (58%)

Yellow (29%)

Blue (29%)

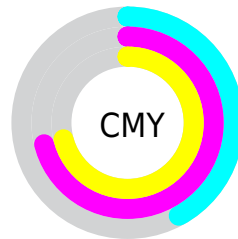


Cyan (0%)

Magenta (50%)

Yellow (50%)

Black (42%)



Cyan (42%)


Magenta (71%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.8976, 11.6879, 7.8967 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 15.8976, 11.6879, 7.8967 by changing the saturation by 10% instead.


 15.8976, 11.6879,
7.8967

 15.8976, 11.6879,
7.8967


222.0190,
202.3280, 184.8238


 9.5421, 6.5315,
3.9421


 35.9792, 28.9254,
22.2985


 5.1564, 3.1709,
1.5936

 50.4361, 41.7753,
33.5828


 2.3750, 1.2216,
0.2863

 68.3241, 57.9585,
48.1474

 0.8326, 0.0792,
0.0000

 90.0086, 77.8594,
66.4108

 0.0000, 0.0000,
0.0000

 115.8550,
101.8625, 88.7916

146.2286,

130.3520, 115.7083

181.4949,
163.7123, 147.5796

■ 15.8976, 11.6879,
7.8967

■ 15.8976, 11.6879,
7.8967

■ 14.5819, 9.7628,
5.2809

■ 17.5636, 14.1260,
11.2083

■ 13.5908, 8.3126,
3.3107

■ 19.6017, 17.1082,
15.2597

■ 12.8964, 7.2964,
1.9304


■ 22.0326, 20.6653,
20.0923


■ 12.4657, 6.6661,
1.0742


■ 24.8754, 24.8252,
25.7438


■ 12.2128, 6.2961,
0.5716


■ 28.1481, 29.6141,
32.2499

 12.2128, 6.2961,
0.5716

 31.8675, 35.0566,
39.6438

 36.0494, 41.1758,
47.9574

 40.7089, 47.9940,
57.2205

 45.8606, 55.5323,
67.4620

Harmonies

Analogous

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



16.4287, 11.6879, 13.9575



15.8976, 11.6879, 7.8967



14.0130, 11.6879, 4.6325

Triad

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



15.8976, 11.6879, 7.8967



7.7161, 11.6879, 6.4861



10.6974, 11.6879, 31.1915

Complementary

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



15.8976, 11.6879, 7.8967



18.7587, 24.7726, 31.8099

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.



8.6367, 11.6879, 27.0649



15.8976, 11.6879, 7.8967



7.0829, 11.6879, 11.5694

Square

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



15.8976, 11.6879, 7.8967



9.2616, 11.6879, 4.0502



7.3938, 11.6879, 19.2070



13.1871, 11.6879, 29.0872

Rectangle

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



15.8976, 11.6879, 7.8967



12.3706, 11.6879, 3.6995



7.3938, 11.6879, 19.2070



9.9362, 11.6879, 30.4534

Sweetspot

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



15.8979, 11.6885, 7.8969



41.1404, 39.7773, 39.9546



20.0069, 13.3317, 29.5358



9.1763, 8.7655, 8.6931



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.



15.8979, 11.6885, 7.8969



25.4902, 16.8765, 8.8430



19.1333, 18.1593, 8.9754



5.8008, 5.8154, 6.0572



10.4317, 5.3779, 0.4882



0.1277, 0.0658, 0.0060

Inverse Universe

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



18.7587, 24.7726, 31.8099



31.1360, 42.6978, 56.0350



13.8539, 14.9630, 30.1749



5.9641, 6.5622, 7.4220



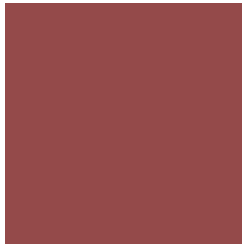
13.6102, 19.9153, 27.0577



0.1666, 0.2438, 0.3312

Previews

White Background



This preview shows how the XYZ color 15.8976, 11.6879, 7.8967 looks on a white background.

Color Contrast Check

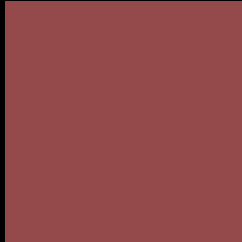
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.8976, 11.6879, 7.8967 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 15.8976, 11.6879, 7.8967

Background



This preview shows how black text looks on a background with the XYZ color 15.8976, 11.6879, 7.8967.



This preview shows how white text looks on a background with the XYZ color 15.8976, 11.6879,

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

15.8976, 11.6879, 7.8967

Protanopia

11.1894, 11.7883, 10.2800

Deuteranopia

11.9911, 11.8610, 7.6186



Tritanopia

15.9704, 11.6110, 8.6071

Trichromacy



Original Color

15.8976, 11.6879, 7.8967

Protanomaly

12.4461, 11.4251, 9.3339

Deuteranomaly

13.1017, 11.5591, 7.6715

Tritanomaly

15.9348, 11.5968, 8.4197

Monochromacy



Original Color

15.8976, 11.6879, 7.8967

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

12.3214, 11.3289, 10.7698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8976, 11.6879, 7.8967 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(148, 74, 74)` looks like.

```
.text, #text, p{  
    color:rgb(148, 74, 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(148, 74, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 74, 74) }
```

Border

The CSS property to change the border of an element to XYZ 15.8976, 11.6879, 7.8967 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(148, 74, 74) }
```


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

```
.border{ border-color:rgb(148, 74, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 74, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 74, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 74, 74);  
box-shadow:4px 4px 4px 4px rgb(148, 74,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8976, 11.6879, 7.8967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 74, 74) }
```

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

```
.background{ background-color: rgb(148, 74,  
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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