

Converting Colors

XYZ(14.9467, 11.8973, 9.4913)

Have a look what the booklet for
XYZ(14.9467, 11.8973, 9.4913)
contains.

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Color

**XYZ(14.9467, 11.8973,
9.4913)**

Conversions

Conversions Part 1

Format	Color
Hex	8A5152
RGB	138, 81, 82
RGB Percent	54%, 32%, 32%
CMY	0.4588, 0.6823, 0.6784
CMYK	0.00, 0.41, 0.41, 0.46
HSL	359°, 26%, 43%
HSV	359°, 41%, 54%
XYZ	14.9467, 11.8973, 9.4913
YIQ	98.1570, 33.6510, 12.3950

Conversions

Conversions Part 2

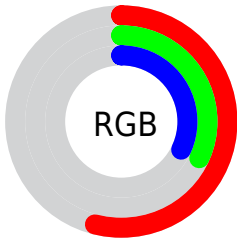
Format	Color
RYB	138, 81, 82
Decimal	9064786
CIELab	41.05, 23.97, 9.69
CIELCh	41, 25.849, 22.010
Yxy	11.8973, 0.4114, 0.3274
Android (android.graphics.Color)	4287254866 (0xFF8A5152)
YUV	98.1570, -7.9654, 34.9423
Hunter-Lab	34.4925, 16.9880, 7.8299

Details

The XYZ color **14.9467, 11.8973, 9.4913** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.9978, 21.7328, 26.9670**, and the grayscale version is **11.6621, 12.2695, 13.3615**.

A 20% lighter version of the original color is **34.2054, 29.2087, 25.3078**, and **4.6523, 3.2089, 2.1244** is the 20% darker color. If you saturate the color by 10%, you get **13.5575, 9.8646, 6.7294**, and if you desaturate by 10%, it is **16.6469, 14.3888, 12.8602**.

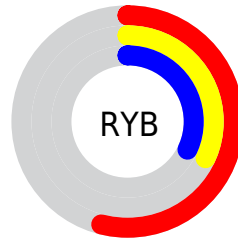
Distribution



Red (54%)

Green (32%)

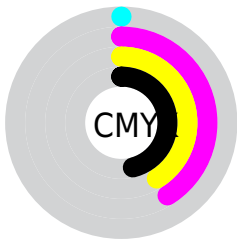
Blue (32%)



Red (54%)

Yellow (32%)

Blue (32%)

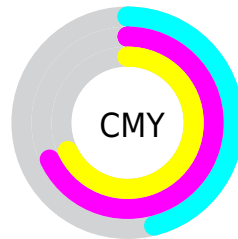


Cyan (0%)

Magenta (41%)

Yellow (41%)

Black (46%)



Cyan (46%)

Magenta (68%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9467, 11.8973, 9.4913 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 14.9467, 11.8973, 9.4913 by changing the saturation by 10% instead.

■ 14.9467, 11.8973,
9.4913

■ 14.9467, 11.8973,
9.4913

216.4382,
203.7242, 197.3529

■ 8.8681, 6.6738,
4.9618

■ 34.3321, 29.3079,
25.4269

■ 4.7116, 3.2589,
2.1665

■ 48.3695, 42.2638,
37.6701

■ 2.1121, 1.2684,
0.6550

■ 65.7906, 58.5660,
53.3216

■ 0.6958, 0.1165,
0.0000

■ 86.9607, 78.5987,
72.7999

■ 0.0000, 0.0000,
0.0000

■ 112.2451,
102.7466, 96.5237

142.0093,

131.3938, 124.9114

176.6185,
164.9249, 158.3816

■ 14.9467, 11.8973,
9.4913

■ 14.9467, 11.8973,
9.4913

■ 13.5575, 9.8646,
6.7294

■ 16.6469, 14.3888,
12.8602

■ 12.4597, 8.2612,
4.5377

■ 18.6744, 17.3629,
16.8684

■ 11.6327, 7.0567,
2.8766

■ 21.0454, 20.8437,
21.5469


■ 11.0532, 6.2161,
1.7013


■ 23.7748, 24.8533,
26.9243


■ 10.6935, 5.6986,
0.9592


■ 26.8766, 29.4125,
33.0277

 10.4945, 5.4086,
0.5602

 30.3641, 34.5410,
39.8827

 34.2499, 40.2574,
47.5137

 38.5460, 46.5795,
55.9437

 43.2639, 53.5245,
65.1953

Harmonies

Analogous

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



15.2197, 11.8973, 14.4261



14.9467, 11.8973, 9.4913



13.6480, 11.8973, 6.4573

Triad

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



14.9467, 11.8973, 9.4913



8.7240, 11.8973, 7.6301



10.8196, 11.8973, 25.9277

Complementary

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



14.9467, 11.8973, 9.4913



16.9978, 21.7328, 26.9670

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.



9.2521, 11.8973, 22.7849



14.9467, 11.8973, 9.4913



8.1316, 11.8973, 11.5859

Square

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



14.9467, 11.8973, 9.4913



10.0236, 11.8973, 5.6054



8.3137, 11.8973, 17.1709



12.6978, 11.8973, 24.9165

Rectangle

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



14.9467, 11.8973, 9.4913



12.4455, 11.8973, 5.4663



8.3137, 11.8973, 17.1709



10.2421, 11.8973, 25.2974

Sweetspot

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



14.9470, 11.8979, 9.4915



36.6703, 36.1151, 37.1404



17.6998, 12.9630, 25.6142



8.1192, 7.9452, 8.1219



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



14.9470, 11.8979, 9.4915



23.9485, 17.4628, 11.9634



17.2873, 16.6388, 10.0857



5.0362, 5.0499, 5.2790



9.6225, 4.9591, 0.5167



0.0643, 0.0331, 0.0056

Inverse Universe

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



14.9470, 11.8979, 9.4915



23.9485, 17.4628, 11.9634



13.7095, 15.0412, 26.2256



5.0362, 5.0499, 5.2790



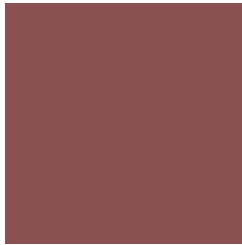
9.6225, 4.9591, 0.5167



0.0643, 0.0331, 0.0056

Previews

White Background



This preview shows how the XYZ color 14.9467, 11.8973, 9.4913 looks on a white background.

Color Contrast Check

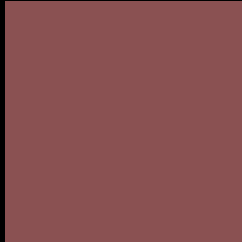
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.9467, 11.8973, 9.4913 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 14.9467, 11.8973, 9.4913

Background



This preview shows how black text looks on a background with the XYZ color 14.9467, 11.8973, 9.4913.



This preview shows how white text looks on a background with the XYZ color 14.9467, 11.8973,

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

14.9467, 11.8973, 9.4913

Protanopia

11.4870, 12.0543, 11.3941

Deuteranopia

12.1724, 11.9186, 9.2484



Tritanopia

15.0296, 11.8125, 10.2920

Trichromacy



Original Color

14.9467, 11.8973, 9.4913

Protanomaly

12.4008, 11.7477, 10.6308

Deuteranomaly

13.0836, 11.8764, 9.3874

Tritanomaly

14.9896, 11.7965, 10.0812

Monochromacy



Original Color

14.9467, 11.8973, 9.4913

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

12.5690, 11.9377, 11.7670

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9467, 11.8973, 9.4913 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(138, 81, 82)` looks like.

```
.text, #text, p{  
    color:rgb(138, 81, 82)  
}
```

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(138, 81, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 81, 82) }
```

Border

The CSS property to change the border of an element to XYZ 14.9467, 11.8973, 9.4913 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(138, 81, 82) }
```


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

```
.border{ border-color:rgb(138, 81, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 81, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 81, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 81, 82);  
box-shadow:4px 4px 4px 4px rgb(138, 81,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9467, 11.8973, 9.4913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 81, 82) }
```

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

```
.background{ background-color: rgb(138, 81,  
82) }
```

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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