

Converting Colors

XYZ(14.9246, 12.5000, 7.7113)

Have a look what the booklet for
XYZ(14.9246, 12.5000, 7.7113)
contains.

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Color

**XYZ(14.9787, 12.5267,
7.7593)**

Conversions

Conversions Part 1

Format	Color
Hex	8A5648
RGB	138, 86, 72
RGB Percent	54%, 34%, 28%
CMY	0.4588, 0.6627, 0.7176
CMYK	0.00, 0.38, 0.48, 0.46
HSL	13°, 31%, 41%
HSV	13°, 48%, 54%
XYZ	14.9787, 12.5267, 7.7593
YIQ	99.9520, 35.4860, 6.6700

Conversions

Conversions Part 2

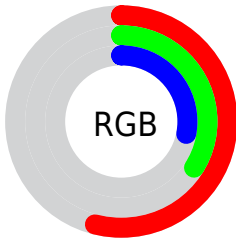
Format	Color
R _{YB}	138, 90, 72
Decimal	9066056
CIE Lab	42.04, 19.90, 17.15
CIE LCh	42, 26.269, 40.766
Yxy	12.5267, 0.4248, 0.3552
Android (android.graphics.Color)	4287256136 (0xFF8A5648)
YUV	99.9520, -13.7803, 33.3681
Hunter-Lab	35.3931, 13.6051, 11.7769

Details

The XYZ color **14.9787, 12.5267, 7.7593** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.4672, 17.6272, 26.6846**, and the grayscale version is **12.1288, 12.7605, 13.8961**.

A 20% lighter version of the original color is **34.5035, 30.4581, 22.1496**, and **4.7147, 3.5327, 1.5320** is the 20% darker color. If you saturate the color by 10%, you get **13.7751, 10.7608, 5.3808**, and if you desaturate by 10%, it is **16.4161, 14.5984, 10.7146**.

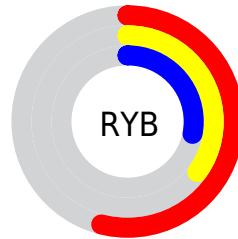
Distribution



Red (54%)

Green (34%)

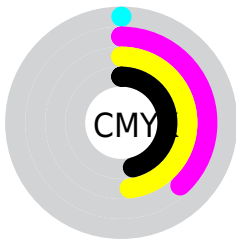
Blue (28%)



Red (54%)

Yellow (35%)

Blue (28%)

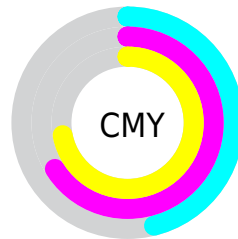


Cyan (0%)

Magenta (38%)

Yellow (48%)

Black (46%)



Cyan (46%)

Magenta (66%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9787, 12.5267, 7.7593 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 14.9787, 12.5267, 7.7593 by changing the saturation by 10% instead.

■ 14.9787, 12.5267,
7.7593

■ 14.9787, 12.5267,
7.7593

216.6282,
207.8617, 183.6952

■ 8.8907, 7.1035,
3.8558

■ 34.3878, 30.4508,
22.0235

■ 4.7265, 3.5269,
1.5466

■ 48.4395, 43.7205,
33.2213

■ 2.1208, 1.4126,
0.2522

■ 65.8765, 60.3744,
47.6876

■ 0.7005, 0.2260,
0.0000

■ 87.0642, 80.7970,
65.8409

■ 0.0000, 0.0000,
0.0000

■ 112.3678,
105.3726, 88.0998

142.1528,

134.4856, 114.8828

176.7845,
168.5205, 146.6084

■ 14.9787, 12.5267,
7.7593

■ 14.9787, 12.5267,
7.7593

■ 13.7751, 10.7608,
5.3808

■ 16.4161, 14.5984,
10.7146

■ 12.7915, 9.2843,
3.5404

■ 18.0982, 16.9876,
14.2806

■ 12.0141, 8.0818,
2.1956

■ 20.0361, 19.7079,
18.4893

■ 11.4272, 7.1358,
1.2973

■ 22.2403, 22.7712,
23.3704

■ 11.0046, 6.4238,
0.7461

■ 24.7203, 26.1891,
28.9516

■ 10.9275, 6.2958,
0.6393

■ 27.4855, 29.9724,
35.2592

■ 30.5445, 34.1316,
42.3180

■ 33.9059, 38.6767,
50.1516

■ 37.5776, 43.6175,
58.7828

Harmonies

Analogous

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



15.9839, 12.5267, 11.7298



14.9787, 12.5267, 7.7593



13.1850, 12.5267, 5.8038

Triad

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



14.9787, 12.5267, 7.7593



8.7046, 12.5267, 10.3982



12.6207, 12.5267, 27.1466

Complementary

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



14.9787, 12.5267, 7.7593



14.4672, 17.6272, 26.6846

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.



10.7130, 12.5267, 26.5023



14.9787, 12.5267, 7.7593



8.5888, 12.5267, 15.7458

Square

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



14.9787, 12.5267, 7.7593



9.6214, 12.5267, 7.0145



9.2856, 12.5267, 21.9239



14.5270, 12.5267, 23.4992

Rectangle

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



14.9787, 12.5267, 7.7593



11.8562, 12.5267, 5.4717



9.2856, 12.5267, 21.9239



11.9565, 12.5267, 27.4453

Sweetspot

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



14.9790, 12.5273, 7.7595



36.6329, 36.5727, 35.4868



16.4875, 11.5136, 20.6885



8.0572, 7.9811, 7.6081



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.



14.9790, 12.5273, 7.7595



24.2057, 18.8562, 9.3397



18.1529, 18.8752, 8.8175



5.1133, 5.2095, 5.2884



10.0283, 5.7909, 0.5892



0.0756, 0.0564, 0.0069

Inverse Universe

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



14.4672, 17.6272, 26.6846



23.1692, 28.8865, 46.7377



11.0698, 10.8325, 25.5521



5.0843, 5.5116, 6.4017



9.2034, 11.6772, 23.8145



0.0716, 0.0984, 0.1617

Previews

White Background



This preview shows how the XYZ color 14.9787, 12.5267, 7.7593 looks on a white background.

Color Contrast Check

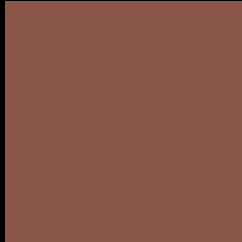
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.9787, 12.5267, 7.7593 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 14.9787, 12.5267, 7.7593

Background



This preview shows how black text looks on a background with the XYZ color 14.9787, 12.5267, 7.7593.



This preview shows how white text looks on a background with the XYZ color 14.9787, 12.5267,

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

14.9787, 12.5267, 7.7593

Protanopia

11.7808, 12.5379, 9.0069

Deuteranopia

12.8054, 12.5486, 7.5415



Tritanopia

15.6632, 12.5678, 11.2731

Trichromacy



Original Color

14.9787, 12.5267, 7.7593

Protanomaly

12.7784, 12.3788, 8.5533

Deuteranomaly

13.5687, 12.5448, 7.6675

Tritanomaly

15.4573, 12.6105, 9.8030

Monochromacy



Original Color

14.9787, 12.5267, 7.7593

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

12.8771, 12.5000, 11.4069

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9787, 12.5267, 7.7593 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, 86, 72)` looks like.

```
.text, #text, p{  
    color:rgb(138, 86, 72)  
}
```

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, 86, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 86, 72) }
```

Border

The CSS property to change the border of an element to XYZ 14.9787, 12.5267, 7.7593 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, 86, 72) }
```


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

```
.border{ border-color:rgb(138, 86, 72) }
```

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

Here you see how a box with a 4 pixel rgb(138, 86, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 86, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 86, 72);  
box-shadow:4px 4px 4px 4px rgb(138, 86,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9787, 12.5267, 7.7593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 86, 72) }
```

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

```
.background{ background-color: rgb(138, 86,  
72) }
```

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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