

Converting Colors

XYZ(15.0037, 11.9748, 7.9992)

Have a look what the booklet for
XYZ(15.0037, 11.9748, 7.9992)
contains.

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Color

**XYZ(14.9937, 11.9547,
7.9958)**

Conversions

Conversions Part 1

Format	Color
Hex	8C514A
RGB	140, 81, 74
RGB Percent	55%, 32%, 29%
CMY	0.4510, 0.6823, 0.7098
CMYK	0.00, 0.42, 0.47, 0.45
HSL	6°, 31%, 42%
HSV	6°, 47%, 55%
XYZ	14.9937, 11.9547, 7.9958
YIQ	97.8430, 37.4110, 10.3310

Conversions

Conversions Part 2

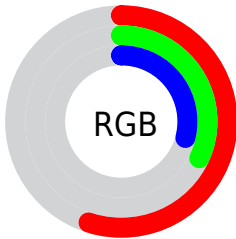
Format	Color
R_{YB}	140, 82, 74
Decimal	9195850
CIE _{Lab}	41.14, 23.85, 14.77
CIE _{LCh}	41, 28.057, 31.769
Yxy	11.9547, 0.4291, 0.3421
Android (android.graphics.Color)	4287385930 (0xFF8C514A)
YUV	97.8430, -11.7546, 36.9717
Hunter-Lab	34.5756, 16.8993, 10.4917

Details

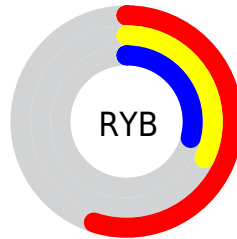
The XYZ color **14.9937, 11.9547, 7.9958** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.9449, 20.1236, 27.8548**, and the grayscale version is **11.5925, 12.1962, 13.2816**.

A 20% lighter version of the original color is **34.4564, 29.3984, 22.5973**, and **4.7659, 3.3220, 1.6183** is the 20% darker color. If you saturate the color by 10%, you get **13.7277, 10.0954, 5.5001**, and if you desaturate by 10%, it is **16.5367, 14.2000, 11.1020**.

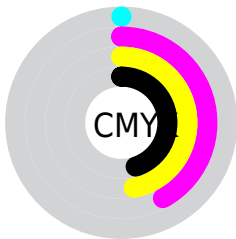
Distribution



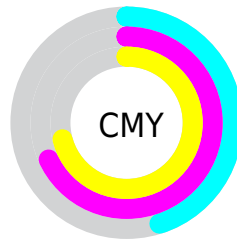
- Red (55%)
- Green (32%)
- Blue (29%)



- Red (55%)
- Yellow (32%)
- Blue (29%)



- Cyan (0%)
- Magenta (42%)
- Yellow (47%)
- Black (45%)



- Cyan (45%)
- Magenta (68%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9937, 11.9547, 7.9958 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 14.9937, 11.9547, 7.9958 by changing the saturation by 10% instead.

14.9937, 11.9547,
7.9958

14.9937, 11.9547,
7.9958

216.7172,
204.1052, 185.6324

8.9013, 6.7128,
4.0045

34.4139, 29.4126,
22.4962

4.7334, 3.2832,
1.6278

48.4723, 42.3974,
33.8425

2.1249, 1.2813,
0.3106

65.9168, 58.7319,
48.4775

0.7027, 0.1267,
0.0000

87.1127, 78.8007,
66.8198

0.0000, 0.0000,
0.0000

112.4253,
102.9880, 89.2878

142.2200,

131.6782, 116.3003

176.8622,
165.2558, 148.2756

■ 14.9937, 11.9547,
7.9958

■ 14.9937, 11.9547,
7.9958

■ 13.7277, 10.0954,
5.5001

■ 16.5367, 14.2000,
11.1020

■ 12.7213, 8.5986,
3.5741

■ 18.3710, 16.8496,
14.8546

■ 11.9567, 7.4412,
2.1726

■ 20.5107, 19.9226,
19.2876

■ 11.4130, 6.5963,
1.2440

■ 22.9692, 23.4364,
24.4324

■ 11.0605, 6.0310,
0.6960

■ 25.7585, 27.4075,
30.3184

■ 10.9840, 5.9130,
0.5624

■ 28.8906, 31.8515,
36.9734

■ 32.3763, 36.7833,
44.4236

■ 36.2265, 42.2171,
52.6942

■ 40.4511, 48.1666,
61.8092

Harmonies

Analogous

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



15.7022, 11.9547, 12.6763



14.9937, 11.9547, 7.9958



13.3000, 11.9547, 5.4717

Triad

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



14.9937, 11.9547, 7.9958



8.2734, 11.9547, 8.4332



11.4829, 11.9547, 27.5954

Complementary

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



14.9937, 11.9547, 7.9958



15.9449, 20.1236, 27.8548

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.



9.6231, 11.9547, 25.4778



14.9937, 11.9547, 7.9958



7.9067, 11.9547, 13.3630

Square

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



14.9937, 11.9547, 7.9958



9.4384, 11.9547, 5.6667



8.3708, 11.9547, 19.7931



13.5320, 11.9547, 24.9444

Rectangle

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



14.9937, 11.9547, 7.9958



11.9276, 11.9547, 4.8214



8.3708, 11.9547, 19.7931



10.8157, 11.9547, 27.4155

Sweetspot

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



14.9940, 11.9553, 7.9960



37.3373, 36.8079, 36.4575



17.5254, 12.1777, 23.7624



8.4187, 8.2170, 8.0152



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



14.9940, 11.9553, 7.9960



23.9935, 17.4895, 9.2911



18.0236, 18.0145, 9.0059



5.0728, 5.1285, 5.2749



9.7678, 5.2700, 0.5024



0.0697, 0.0447, 0.0049

Inverse Universe

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



15.9449, 20.1236, 27.8548



25.8688, 33.7386, 48.8917



12.1534, 12.5407, 26.5910



5.1283, 5.5995, 6.4164



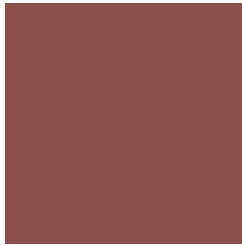
10.7471, 14.7645, 24.3291



0.0774, 0.1101, 0.1636

Previews

White Background



This preview shows how the XYZ color 14.9937, 11.9547, 7.9958 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 14.9937, 11.9547, 7.9958 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 14.9937, 11.9547, 7.9958

Background



This preview shows how black text looks on a background with the XYZ color 14.9937, 11.9547, 7.9958.



This preview shows how white text looks on a background with the XYZ color 14.9937, 11.9547,

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

14.9937, 11.9547, 7.9958

Protanopia

11.3912, 12.0421, 9.7066

Deuteranopia

12.1543, 11.9414, 7.7952



Tritanopia

15.4202, 11.9106, 10.0806

Trichromacy



Original Color

14.9937, 11.9547, 7.9958

Protanomaly

12.3548, 11.7597, 9.0158

Deuteranomaly

13.0872, 11.9109, 7.9126

Tritanomaly

15.3384, 11.9941, 9.2913

Monochromacy



Original Color

14.9937, 11.9547, 7.9958

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

12.4404, 11.8863, 11.0898

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9937, 11.9547, 7.9958 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(140, 81, 74)` looks like.

```
.text, #text, p{  
    color:rgb(140, 81, 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(140, 81, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 81, 74) }
```

Border

The CSS property to change the border of an element to XYZ 14.9937, 11.9547, 7.9958 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(140, 81, 74) }
```


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

```
.border{ border-color:rgb(140, 81, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 81, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 81, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 81, 74);  
box-shadow:4px 4px 4px 4px rgb(140, 81,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9937, 11.9547, 7.9958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 81, 74) }
```

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

```
.background{ background-color: rgb(140, 81,  
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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