

Converting Colors

XYZ(15.0697, 11.7850, 9.8208)

Have a look what the booklet for
XYZ(15.0697, 11.7850, 9.8208)
contains.

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Color

**XYZ(15.0437, 11.7210,
9.8570)**

Conversions

Conversions Part 1

Format	Color
Hex	8B4F54
RGB	139, 79, 84
RGB Percent	55%, 31%, 33%
CMY	0.4549, 0.6902, 0.6706
CMYK	0.00, 0.43, 0.40, 0.45
HSL	355°, 28%, 43%
HSV	355°, 43%, 55%
XYZ	15.0437, 11.7210, 9.8570
YIQ	97.5100, 34.1550, 14.2750

Conversions

Conversions Part 2

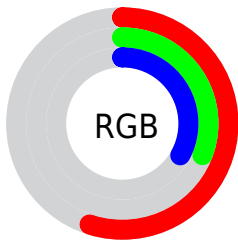
Format	Color
RYB	139, 79, 84
Decimal	9129812
CIELab	40.77, 25.77, 8.07
CIElCh	41, 27.004, 17.399
Yxy	11.7210, 0.4108, 0.3201
Android (android.graphics.Color)	4287319892 (0xFF8B4F54)
YUV	97.5100, -6.6604, 36.3867
Hunter-Lab	34.2359, 18.5222, 6.8948




Details

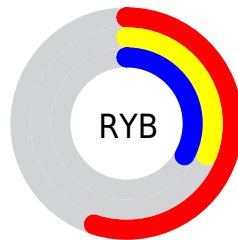
The XYZ color **15.0437, 11.7210, 9.8570** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.7607, 21.8491, 25.8894**, and the grayscale version is **11.4983, 12.0971, 13.1737**.




A 20% lighter version of the original color is **34.3320, 28.8633, 25.9520**, and **4.7205, 3.1579, 2.2802** is the 20% darker color. If you saturate the color by 10%, you get **13.6894, 9.7397, 7.1632**, and if you desaturate by 10%, it is **16.6991, 14.1591, 13.0994**.

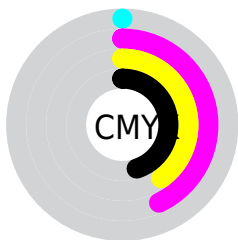
Distribution







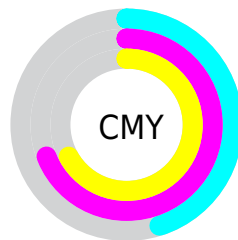
-  Red (55%)
-  Green (31%)
-  Blue (33%)






-  Red (55%)
-  Yellow (31%)
-  Blue (33%)



-  Cyan (0%)
-  Magenta (43%)
-  Yellow (40%)
-  Black (45%)





-  Cyan (45%)
-  Magenta (69%)
-  Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.0437, 11.7210, 9.8570 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 15.0437, 11.7210, 9.8570 by changing the saturation by 10% instead.


 15.0437, 11.7210,
9.8570


 15.0437, 11.7210,
9.8570


217.0137,
202.5494, 200.0960


 8.9366, 6.5540,
5.1999


 34.5009, 28.9859,
26.1298


 4.7566, 3.1848,
2.3042

 48.5816, 41.8527,
38.5825


 2.1385, 1.2289,
0.7336

 66.0509, 58.0547,
54.4709

 0.7100, 0.0852,
0.0000

 87.2742, 77.9766,
74.2134

 0.0000, 0.0000,
0.0000

 112.6167,
102.0026, 98.2287

142.4439,

130.5171, 126.9351

177.1211,
163.9046, 160.7514

■ 15.0437, 11.7210,
9.8570

■ 15.0437, 11.7210,
9.8570

■ 13.6894, 9.7397,
7.1632

■ 16.6991, 14.1591,
13.0994

■ 12.6172, 8.1852,
4.9871

■ 18.6713, 17.0781,
16.9177

■ 11.8073, 7.0266,
3.2954


■ 20.9759, 20.5026,
21.3382


■ 11.2369, 6.2279,
2.0510


■ 23.6273, 24.4550,
26.3856


■ 10.8795, 5.7468,
1.2112


■ 26.6391, 28.9562,
32.0828

 10.7113, 5.5145,
0.8343

 30.0241, 34.0262,
38.4518

 33.7944, 39.6837,
45.5137

 37.9616, 45.9469,
53.2883

 42.5369, 52.8329,
61.7950

Harmonies

Analogous

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



15.1415, 11.7210, 15.2082



15.0437, 11.7210, 9.8570



13.8282, 11.7210, 6.4590

Triad

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



15.0437, 11.7210, 9.8570



8.6401, 11.7210, 6.8643



10.3550, 11.7210, 26.0956

Complementary

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



15.0437, 11.7210, 9.8570



16.7607, 21.8491, 25.8894

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.



8.8257, 11.7210, 22.2234



15.0437, 11.7210, 9.8570



7.9147, 11.7210, 10.5936

Square

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



15.0437, 11.7210, 9.8570



10.0736, 11.7210, 5.1032



7.9785, 11.7210, 16.1885



12.2801, 11.7210, 25.7286

Rectangle

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



15.0437, 11.7210, 9.8570



12.6189, 11.7210, 5.2833



7.9785, 11.7210, 16.1885



9.7822, 11.7210, 25.2089

Sweetspot

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



15.0440, 11.7216, 9.8572



37.5110, 36.6376, 38.1116



17.2881, 12.5250, 25.9326



8.4426, 8.1433, 8.3978



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.



15.0440, 11.7216, 9.8572



24.5222, 17.4523, 12.8420



17.0095, 15.9546, 9.5809



5.0487, 5.0549, 5.3449



9.6705, 4.9783, 0.7692



0.0662, 0.0338, 0.0152

Inverse Universe

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



15.0440, 11.7216, 9.8572



24.5222, 17.4523, 12.8420



13.9025, 15.5615, 26.6971



5.0487, 5.0549, 5.3449



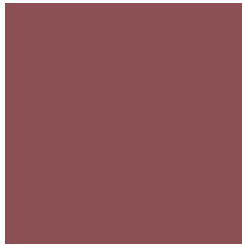
9.6705, 4.9783, 0.7692



0.0662, 0.0338, 0.0152

Previews

White Background



This preview shows how the XYZ color 15.0437, 11.7210, 9.8570 looks on a white background.

Color Contrast Check

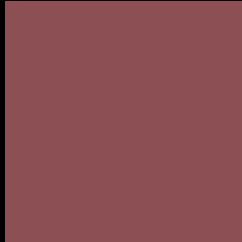
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.0437, 11.7210, 9.8570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

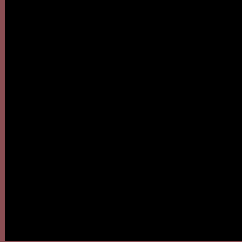
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.0437, 11.7210, 9.8570

Background



This preview shows how black text looks on a background with the XYZ color 15.0437, 11.7210, 9.8570.



This preview shows how white text looks on a background with the XYZ color 15.0437, 11.7210,

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

15.0437, 11.7210, 9.8570

Protanopia

11.3042, 11.8087, 12.0394

Deuteranopia

11.9929, 11.8174, 9.6315



Tritanopia

15.0831, 11.7368, 10.0648

Trichromacy



Original Color

15.0437, 11.7210, 9.8570

Protanomaly

12.4411, 11.6279, 11.2616

Deuteranomaly

12.9362, 11.6689, 9.7541

Tritanomaly

15.0831, 11.7368, 10.0648

Monochromacy



Original Color

15.0437, 11.7210, 9.8570

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

12.5269, 11.7832, 11.9701

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0437, 11.7210, 9.8570 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(139, 79, 84)` looks like.

```
.text, #text, p{  
    color:rgb(139, 79, 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(139, 79, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 79, 84) }
```

Border

The CSS property to change the border of an element to XYZ 15.0437, 11.7210, 9.8570 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(139, 79, 84) }
```


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

```
.border{ border-color:rgb(139, 79, 84) }
```

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

Here you see how a box with a 4 pixel rgb(139, 79, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 79, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 79, 84);  
box-shadow:4px 4px 4px 4px rgb(139, 79,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0437, 11.7210, 9.8570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 79, 84) }
```

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

```
.background{ background-color: rgb(139, 79,  
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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