

Converting Colors

XYZ(13.8663, 10.9270, 7.2165)

Have a look what the booklet for
XYZ(13.8663, 10.9270, 7.2165)
contains.

XYZ(13.9127, 10.9842, 7.1812)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(13.9127, 10.9842,
7.1812)**

Conversions

Conversions Part 1

Format	Color
Hex	884D46
RGB	136, 77, 70
RGB Percent	53%, 30%, 27%
CMY	0.4667, 0.6980, 0.7255
CMYK	0.00, 0.43, 0.49, 0.47
HSL	6°, 32%, 40%
HSV	6°, 49%, 53%
XYZ	13.9127, 10.9842, 7.1812
YIQ	93.8430, 37.4110, 10.3310

Conversions

Conversions Part 2

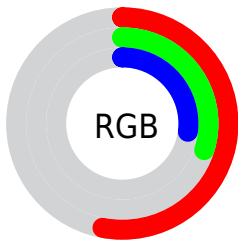
Format	Color
RYB	136, 78, 70
Decimal	8932678
CIELab	39.55, 24.05, 14.98
CIElCh	40, 28.334, 31.910
Yxy	10.9842, 0.4337, 0.3424
Android (android.graphics.Color)	4287122758 (0xFF884D46)
YUV	93.8430, -11.7546, 36.9717
Hunter-Lab	33.1424, 16.9324, 10.3529




Details

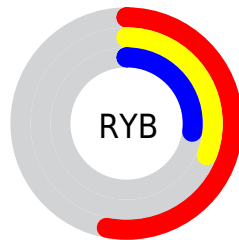
The XYZ color **13.9127, 10.9842, 7.1812** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.8195, 18.7792, 26.1361**, and the grayscale version is **10.6232, 11.1764, 12.1711**.




A 20% lighter version of the original color is **32.5976, 27.6932, 20.7668**, and **4.2551, 2.8981, 1.3720** is the 20% darker color. If you saturate the color by 10%, you get **12.7585, 9.2868, 4.9130**, and if you desaturate by 10%, it is **15.3237, 13.0396, 10.0149**.

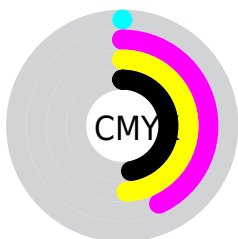
Distribution







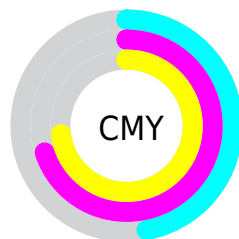
-  Red (53%)
-  Green (30%)
-  Blue (27%)






-  Red (53%)
-  Yellow (31%)
-  Blue (27%)



-  Cyan (0%)
-  Magenta (43%)
-  Yellow (49%)
-  Black (47%)





-  Cyan (47%)
-  Magenta (70%)
-  Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.9127, 10.9842, 7.1812 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 13.9127, 10.9842, 7.1812 by changing the saturation by 10% instead.


 13.9127, 10.9842,
7.1812


 13.9127, 10.9842,
7.1812


210.2086,
197.5591, 178.8486


 8.1413, 6.0562,
3.4955


 32.5216, 27.6309,
20.8559


 4.2380, 2.8793,
1.3529

 46.0898, 40.1185,
31.6819


 1.8377, 1.0690,
0.1045

 62.9876, 55.8947,
45.7252

 0.5402, 0.0000,
0.0000

 83.5804, 75.3439,
63.4042

 0.0000, 0.0000,
0.0000

 108.2335, 98.8506,
85.1375

137.3124,

126.7991, 111.3437

171.1823,
159.5738, 142.4412

■ 13.9127, 10.9842,
7.1812

■ 13.9127, 10.9842,
7.1812

■ 12.7585, 9.2868,
4.9130

■ 15.3237, 13.0396,
10.0149

■ 11.8447, 7.9253,
3.1718

■ 17.0049, 15.4702,
13.4481

■ 11.1545, 6.8777,
1.9151


■ 18.9698, 18.2939,
17.5126


■ 10.6681, 6.1189,
1.0935


■ 21.2306, 21.5272,
22.2380

■ 10.3528, 5.6157,
0.5957


■ 23.7989, 25.1854,
27.6518

 10.3162, 5.5600,
0.5295

 26.6857, 29.2832,
33.7802

 29.9013, 33.8346,
40.6477

 33.4558, 38.8529,
48.2780

 37.3587, 44.3508,
56.6936

Harmonies

Analogous

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



14.5994, 10.9842, 11.6097



13.9127, 10.9842, 7.1812



12.2842, 10.9842, 4.8274

Triad

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



13.9127, 10.9842, 7.1812



7.5001, 10.9842, 7.6261



10.5641, 10.9842, 26.0131

Complementary

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



13.9127, 10.9842, 7.1812



14.8195, 18.7792, 26.1361

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.



8.7905, 10.9842, 23.9796



13.9127, 10.9842, 7.1812



7.1570, 10.9842, 12.3171

Square

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



13.9127, 10.9842, 7.1812



8.6012, 10.9842, 5.0232



7.5996, 10.9842, 18.4931



12.5242, 10.9842, 23.4216

Rectangle

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



13.9127, 10.9842, 7.1812



10.9704, 10.9842, 4.2289



7.5996, 10.9842, 18.4931



9.9272, 10.9842, 25.8460

Sweetspot

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



13.9130, 10.9848, 7.1814



34.6491, 33.9850, 33.4012



16.3326, 11.2102, 22.2115



7.8612, 7.6369, 7.3953



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.



13.9130, 10.9848, 7.1814



22.3530, 16.1716, 8.4040



16.7917, 16.7422, 8.1410



5.0729, 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.



14.8195, 18.7792, 26.1361



24.1247, 31.5383, 45.8643



11.1892, 11.5186, 24.9260



5.1283, 5.5995, 6.4164



10.7469, 14.7642, 24.3290



0.0774, 0.1101, 0.1636

Previews

White Background



This preview shows how the XYZ color 13.9127, 10.9842, 7.1812 looks on a white background.

Color Contrast Check

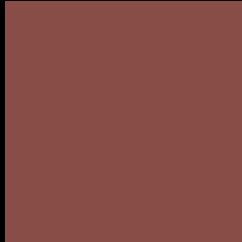
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.9127, 10.9842, 7.1812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

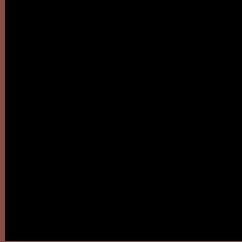
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.9127, 10.9842, 7.1812

Background



This preview shows how black text looks on a background with the XYZ color 13.9127, 10.9842, 7.1812.

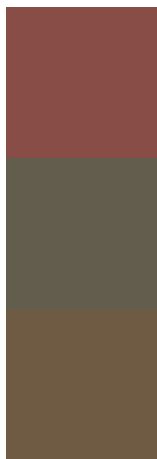


This preview shows how white text looks on a background with the XYZ color 13.9127, 10.9842,

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

13.9127, 10.9842, 7.1812

Protanopia

10.4351, 11.0314, 8.7870

Deuteranopia

11.2551, 11.1092, 7.0199



Tritanopia

14.3178, 10.9446, 9.1425

Trichromacy



Original Color

13.9127, 10.9842, 7.1812

Protanomaly

11.3603, 10.7691, 8.1365

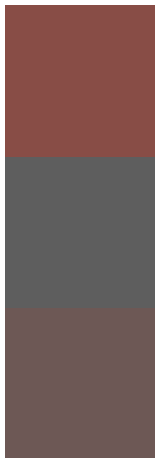
Deuteranomaly

12.0684, 10.9197, 7.1019

Tritanomaly

14.2405, 11.0231, 8.3983

Monochromacy



Original Color

13.9127, 10.9842, 7.1812

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

11.4361, 10.8865, 10.0929

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9127, 10.9842, 7.1812 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(136, 77, 70)` looks like.

```
.text, #text, p{  
    color:rgb(136, 77, 70)  
}
```

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(136, 77, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 77, 70) }
```

Border

The CSS property to change the border of an element to XYZ 13.9127, 10.9842, 7.1812 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(136, 77, 70) }
```


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

```
.border{ border-color:rgb(136, 77, 70) }
```

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

Here you see how a box with a 4 pixel rgb(136, 77, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 77, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 77, 70);  
box-shadow:4px 4px 4px 4px rgb(136, 77,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9127, 10.9842, 7.1812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 77, 70) }
```

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

```
.background{ background-color: rgb(136, 77,  
70) }
```

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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