

Converting Colors

XYZ(14.2738, 11.1821, 10.4832)

Have a look what the booklet for
XYZ(14.2738, 11.1821, 10.4832)
contains.

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Color

**XYZ(14.2762, 11.2052,
10.4272)**

Conversions

Conversions Part 1

Format	Color
Hex	864E57
RGB	134, 78, 87
RGB Percent	53%, 31%, 34%
CMY	0.4745, 0.6941, 0.6588
CMYK	0.00, 0.42, 0.35, 0.47
HSL	350°, 26%, 42%
HSV	350°, 42%, 53%
XYZ	14.2762, 11.2052, 10.4272
YIQ	95.7700, 30.4870, 14.6710

Conversions

Conversions Part 2

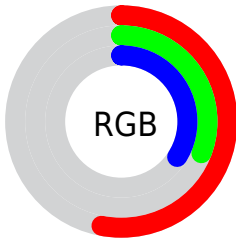
Format	Color
R_{YB}	134, 78, 87
Decimal	8801879
CIE _{Lab}	39.92, 24.73, 4.92
CIE _{LCh}	40, 25.216, 11.247
Yxy	11.2052, 0.3976, 0.3120
Android (android.graphics.Color)	4286991959 (0xFF864E57)
YUV	95.7700, -4.3236, 33.5277
Hunter-Lab	33.4742, 17.5476, 4.9631

Details

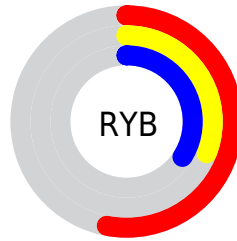
The XYZ color **14.2762, 11.2052, 10.4272** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.3692, 20.1508, 22.4825**, and the grayscale version is **11.0677, 11.6441, 12.6804**.

A 20% lighter version of the original color is **33.2208, 28.0633, 27.3327**, and **4.4141, 2.9940, 2.5357** is the 20% darker color. If you saturate the color by 10%, you get **12.9951, 9.3220, 7.9070**, and if you desaturate by 10%, it is **15.8235, 13.5062, 13.3896**.

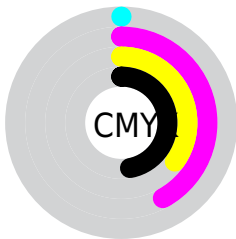
Distribution



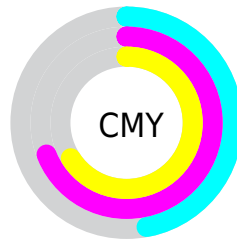
- Red (53%)
- Green (31%)
- Blue (34%)



- Red (53%)
- Yellow (31%)
- Blue (34%)



- Cyan (0%)
- Magenta (42%)
- Yellow (35%)
- Black (47%)



- Cyan (47%)
- Magenta (69%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2762, 11.2052, 10.4272 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 14.2762, 11.2052, 10.4272 by changing the saturation by 10% instead.

■ 14.2762, 11.2052,
10.4272

■ 14.2762, 11.2052,
10.4272

212.4188,
199.0700, 204.2888

■ 8.3960, 6.2050,
5.5738

■ 33.1605, 28.0390,
27.2163

■ 4.4033, 2.9701,
2.5232

■ 46.8953, 40.6414,
39.9890

■ 1.9327, 1.1162,
0.8524

■ 63.9790, 56.5467,
56.2386

■ 0.5957, 0.0000,
0.0000

■ 84.7770, 76.1392,
76.3837

■ 0.0000, 0.0000,
0.0000

■ 109.6546, 99.8035,
100.8427

138.9772,

127.9237, 130.0342

173.1101,
160.8844, 164.3767

■ 14.2762, 11.2052,
10.4272

■ 14.2762, 11.2052,
10.4272

■ 12.9951, 9.3220,
7.9070

■ 15.8235, 13.5062,
13.3896

■ 11.9642, 7.8298,
5.8071

■ 17.6502, 16.2463,
16.8136

■ 11.1670, 6.7015,
4.1045


■ 19.7693, 19.4473,
20.7179


■ 10.5847, 5.9056,
2.7737


■ 22.1932, 23.1292,
25.1204

■ 10.1955, 5.4055,
1.7862


■ 24.9333, 27.3106,
30.0376

 9.9719, 5.1245,
1.1991

 28.0004, 32.0092,
35.4857

 31.4049, 37.2420,
41.4797

 35.1566, 43.0249,
48.0345

 39.2651, 49.3735,
55.1640

Harmonies

Analogous

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



14.1390, 11.2052, 15.5439



14.2762, 11.2052, 10.4272



13.3661, 11.2052, 6.9152

Triad

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



14.2762, 11.2052, 10.4272



8.5951, 11.2052, 6.3259



9.6114, 11.2052, 23.6945

Complementary

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



14.2762, 11.2052, 10.4272



15.3692, 20.1508, 22.4825

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.



8.3297, 11.2052, 19.6623



14.2762, 11.2052, 10.4272



7.7885, 11.2052, 9.3747

Square

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



14.2762, 11.2052, 10.4272



10.0115, 11.2052, 5.0144



7.6969, 11.2052, 14.1644



11.3155, 11.2052, 24.2030

Rectangle

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



14.2762, 11.2052, 10.4272



12.3402, 11.2052, 5.5856



7.6969, 11.2052, 14.1644



9.1220, 11.2052, 22.6637

Sweetspot

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



14.2765, 11.2057, 10.4274



34.2387, 33.3666, 35.4176



15.4367, 11.5055, 23.9615



7.5457, 7.2631, 7.6710



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



14.2765, 11.2057, 10.4274



23.0370, 16.6302, 14.2129



15.4510, 14.1068, 9.1169



4.7008, 4.7000, 5.0370



9.3480, 4.8035, 1.1389



0.0342, 0.0174, 0.0133

Inverse Universe

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



14.2765, 11.2057, 10.4274



23.0370, 16.6302, 14.2129



13.6142, 15.6790, 24.8631



4.7008, 4.7000, 5.0370



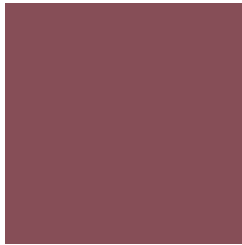
9.3480, 4.8035, 1.1389



0.0342, 0.0174, 0.0133

Previews

White Background



This preview shows how the XYZ color 14.2762, 11.2052, 10.4272 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 14.2762, 11.2052, 10.4272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

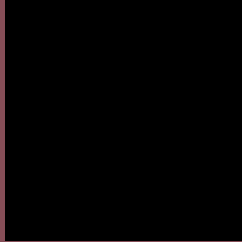
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

XYZ 14.2762, 11.2052, 10.4272

Background



This preview shows how black text looks on a background with the XYZ color 14.2762, 11.2052, 10.4272.



This preview shows how white text looks on a background with the XYZ color 14.2762, 11.2052,

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

14.2762, 11.2052, 10.4272

Protanopia

10.9379, 11.3367, 12.6780

Deuteranopia

11.4442, 11.2638, 10.1653



Tritanopia

14.1561, 11.1572, 9.7950

Trichromacy



Original Color

14.2762, 11.2052, 10.4272

Protanomaly

11.8959, 11.0848, 11.8685

Deuteranomaly

12.3436, 11.1094, 10.2978

Tritanomaly

14.1956, 11.1730, 10.0027

Monochromacy



Original Color

14.2762, 11.2052, 10.4272

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.9786, 11.2501, 11.8961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2762, 11.2052, 10.4272 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(134, 78, 87)` looks like.

```
.text, #text, p{  
    color:rgb(134, 78, 87)  
}
```

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(134, 78, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 78, 87) }
```

Border

The CSS property to change the border of an element to XYZ 14.2762, 11.2052, 10.4272 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(134, 78, 87) }
```


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

```
.border{ border-color:rgb(134, 78, 87) }
```

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

Here you see how a box with a 4 pixel rgb(134, 78, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 78, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 78, 87);  
box-shadow:4px 4px 4px 4px rgb(134, 78,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2762, 11.2052, 10.4272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 78, 87) }
```

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

```
.background{ background-color: rgb(134, 78,  
87) }
```

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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