

Converting Colors

XYZ(14.5063, 11.4874, 10.2776)

Have a look what the booklet for
XYZ(14.5063, 11.4874, 10.2776)
contains.

XYZ(14.4674, 11.4147, 10.2449)	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(14.4674, 11.4147,
10.2449)**

Conversions

Conversions Part 1

Format	Color
Hex	874F56
RGB	135, 79, 86
RGB Percent	53%, 31%, 34%
CMY	0.4706, 0.6902, 0.6627
CMYK	0.00, 0.41, 0.36, 0.47
HSL	353°, 26%, 42%
HSV	353°, 41%, 53%
XYZ	14.4674, 11.4147, 10.2449
YIQ	96.5420, 31.1290, 14.0490

Conversions

Conversions Part 2

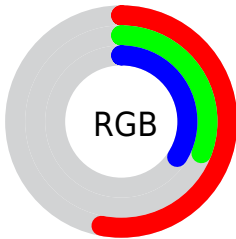
Format	Color
R_{YB}	135, 79, 86
Decimal	8867670
CIE Lab	40.27, 24.42, 6.05
CIE LCh	40, 25.159, 13.919
Yxy	11.4147, 0.4005, 0.3160
Android (android.graphics.Color)	4287057750 (0xFF874F56)
YUV	96.5420, -5.1972, 33.7277
Hunter-Lab	33.7856, 17.3109, 5.6713

Details

The XYZ color **14.4674, 11.4147, 10.2449** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.7852, 20.5490, 23.5574**, and the grayscale version is **11.2573, 11.8436, 12.8977**.

A 20% lighter version of the original color is **33.5294, 28.4252, 27.0120**, and **4.5114, 3.0868, 2.4559** is the 20% darker color. If you saturate the color by 10%, you get **13.1534, 9.4865, 7.6496**, and if you desaturate by 10%, it is **16.0585, 13.7710, 13.3210**.

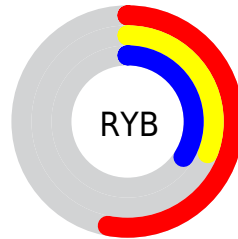
Distribution



Red (53%)

Green (31%)

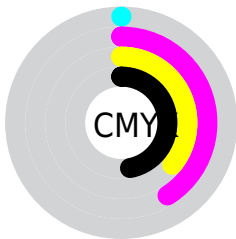
Blue (34%)



Red (53%)

Yellow (31%)

Blue (34%)

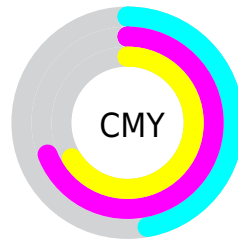


Cyan (0%)

Magenta (41%)

Yellow (36%)

Black (47%)



Cyan (47%)


Magenta (69%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.4674, 11.4147, 10.2449 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 14.4674, 11.4147, 10.2449 by changing the saturation by 10% instead.


 14.4674, 11.4147,
10.2449


 14.4674, 11.4147,
10.2449


213.5724,
200.4910, 202.9590


 8.5303, 6.3465,
5.4539


 33.4955, 28.4245,
26.8701


 4.4908, 3.0569,
2.4526

 47.3172, 41.1349,
39.5414


 1.9834, 1.1615,
0.8149

 64.4978, 57.1615,
55.6766

 0.6246, 0.0299,
0.0000

 85.4028, 76.8886,
75.6941

 0.0000, 0.0000,
0.0000

 110.3973,
100.7008, 100.0126

139.8469,

128.9823, 129.0506

174.1168,
162.1175, 163.2265

■ 14.4674, 11.4147,
10.2449

■ 14.4674, 11.4147,
10.2449

■ 13.1534, 9.4865,
7.6496

■ 16.0585, 13.7710,
13.3210

■ 12.0997, 7.9591,
5.5101

■ 17.9403, 16.5774,
16.8998

■ 11.2890, 6.8047,
3.8000


■ 20.1269, 19.8560,
21.0027


■ 10.7015, 5.9911,
2.4901


■ 22.6309, 23.6274,
25.6498


■ 10.3144, 5.4808,
1.5473


■ 25.4643, 27.9106,
30.8599

 10.0919, 5.1910,
0.9951

 28.6386, 32.7239,
36.6511

 32.1646, 38.0846,
43.0405

 36.0526, 44.0090,
50.0447

 40.3126, 50.5130,
57.6794

Harmonies

Analogous

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



14.4275, 11.4147, 15.3041



14.4674, 11.4147, 10.2449



13.4675, 11.4147, 6.8559

Triad

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



14.4674, 11.4147, 10.2449



8.6719, 11.4147, 6.6838



9.9407, 11.4147, 24.2267

Complementary

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



14.4674, 11.4147, 10.2449



15.7852, 20.5490, 23.5574

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.



8.5946, 11.4147, 20.4142



14.4674, 11.4147, 10.2449



7.9179, 11.4147, 9.9381

Square

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



14.4674, 11.4147, 10.2449



10.0573, 11.4147, 5.2076



7.8912, 11.4147, 14.9026



11.6819, 11.4147, 24.3745

Rectangle

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



14.4674, 11.4147, 10.2449



12.4024, 11.4147, 5.6099



7.8912, 11.4147, 14.9026



9.4317, 11.4147, 23.2930

Sweetspot

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



14.4677, 11.4153, 10.2451



35.7137, 35.0630, 36.9966



16.0016, 11.8949, 24.3744



8.1671, 7.9644, 8.3742



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.



14.4677, 11.4153, 10.2451



23.6315, 17.0999, 13.8516



15.9159, 14.7410, 9.4042



4.6945, 4.6975, 5.0037



9.3090, 4.7879, 0.9337



0.0337, 0.0172, 0.0107

Inverse Universe

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



14.4677, 11.4153, 10.2451



23.6315, 17.0999, 13.8516



13.6682, 15.5522, 25.2033



4.6945, 4.6975, 5.0037



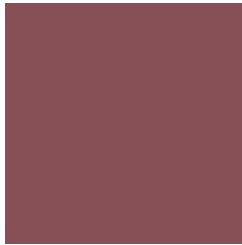
9.3090, 4.7879, 0.9337



0.0337, 0.0172, 0.0107

Previews

White Background



This preview shows how the XYZ color 14.4674, 11.4147, 10.2449 looks on a white background.

Color Contrast Check

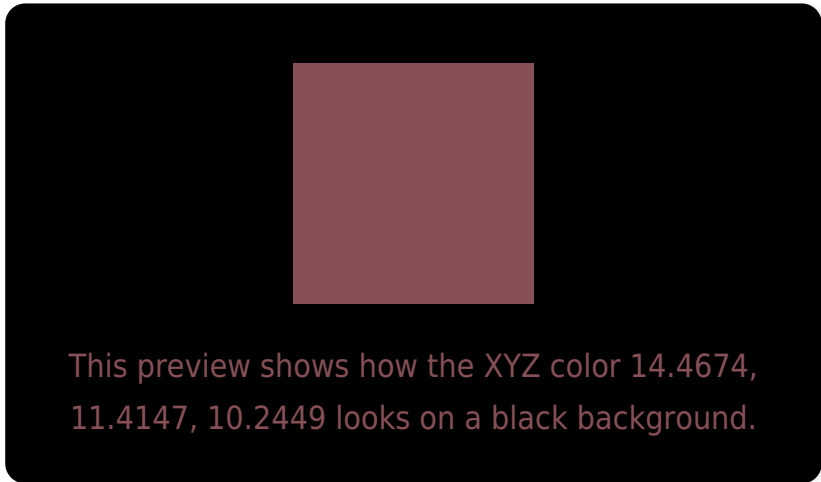
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

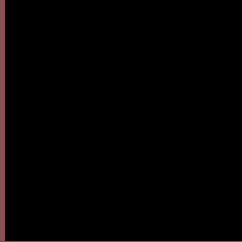
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.4674, 11.4147, 10.2449

Background



This preview shows how black text looks on a background with the XYZ color 14.4674, 11.4147, 10.2449.



This preview shows how white text looks on a background with the XYZ color 14.4674, 11.4147,

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

14.4674, 11.4147, 10.2449

Protanopia

11.0875, 11.5520, 12.4719

Deuteranopia

11.7341, 11.5456, 9.9976



Tritanopia

14.4273, 11.3987, 10.0341

Trichromacy



Original Color

14.4674, 11.4147, 10.2449

Protanomaly

12.0597, 11.2970, 11.6701

Deuteranomaly

12.5191, 11.3238, 10.1202

Tritanomaly

14.4273, 11.3987, 10.0341

Monochromacy



Original Color

14.4674, 11.4147, 10.2449

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

12.1875, 11.4821, 11.9299

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4674, 11.4147, 10.2449 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(135, 79, 86)` looks like.

```
.text, #text, p{  
    color:rgb(135, 79, 86)  
}
```

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(135, 79, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 79, 86) }
```

Border

The CSS property to change the border of an element to XYZ 14.4674, 11.4147, 10.2449 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(135, 79, 86) }
```


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

```
.border{ border-color:rgb(135, 79, 86) }
```

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

Here you see how a box with a 4 pixel rgb(135, 79, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 79, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 79, 86);  
box-shadow:4px 4px 4px 4px rgb(135, 79,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4674, 11.4147, 10.2449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 79, 86) }
```

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

```
.background{ background-color: rgb(135, 79,  
86) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor