

Converting Colors

XYZ(15.4254, 11.5087, 14.3991)

Have a look what the booklet for
XYZ(15.4254, 11.5087, 14.3991)
contains.

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Color

**XYZ(15.3997, 11.4867,
14.5022)**

Conversions

Conversions Part 1

Format	Color
Hex	894C68
RGB	137, 76, 104
RGB Percent	54%, 30%, 41%
CMY	0.4627, 0.7019, 0.5922
CMYK	0.00, 0.45, 0.24, 0.46
HSL	332°, 29%, 42%
HSV	332°, 45%, 54%
XYZ	15.3997, 11.4867, 14.5022
YIQ	97.4310, 27.3680, 21.6400

Conversions

Conversions Part 2

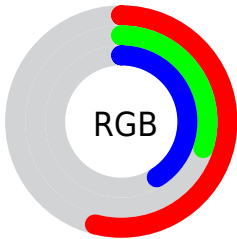
Format	Color
RYB	137, 76, 104
Decimal	8997992
CIELab	40.39, 29.53, -4.92
CIELCh	40, 29.934, 350.546
Yxy	11.4867, 0.3721, 0.2775
Android (android.graphics.Color)	4287188072 (0xFF894C68)
YUV	97.4310, 3.2385, 34.7020
Hunter-Lab	33.8920, 21.7949, -1.6454

Details

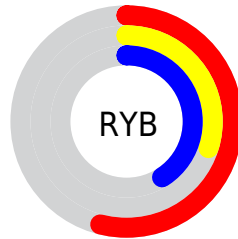
The XYZ color **15.3997, 11.4867, 14.5022** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **14.6870, 20.5324, 17.6581**, and the grayscale version is **11.4562, 12.0528, 13.1256**.

A 20% lighter version of the original color is **35.1155, 28.4947, 34.6596**, and **4.9242, 3.1054, 4.2108** is the 20% darker color. If you saturate the color by 10%, you get **14.1943, 9.6522, 12.3239**, and if you desaturate by 10%, it is **16.8398, 13.7376, 16.9223**.

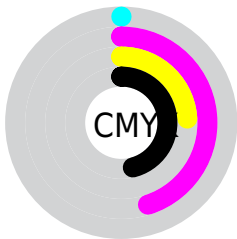
Distribution



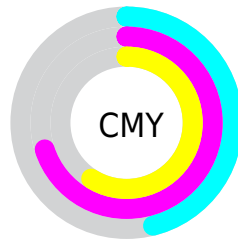
- Red (54%)
- Green (30%)
- Blue (41%)



- Red (54%)
- Yellow (30%)
- Blue (41%)



- Cyan (0%)
- Magenta (45%)
- Yellow (24%)
- Black (46%)



- Cyan (46%)
- Magenta (70%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3997, 11.4867, 14.5022 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 15.3997, 11.4867, 14.5022 by changing the saturation by 10% instead.

■ 15.3997, 11.4867,
14.5022

■ 15.3997, 11.4867,
14.5022

219.1136,
200.9768, 231.8691

■ 9.1885, 6.3952,
8.3281

■ 35.1188, 28.5567,
34.7074

■ 4.9224, 3.0868,
4.2148

■ 49.3574, 41.3040,
49.5754

■ 2.2361, 1.1772,
1.7439

■ 67.0026, 57.3720,
68.1786

■ 0.7617, 0.0430,
0.3906

■ 88.4196, 77.1452,
90.9353

■ 0.0000, 0.0000,
0.0000

■ 113.9739,
101.0078, 118.2642

144.0307,

129.3444, 150.5838

178.9555,
162.5393, 188.3126

■ 15.3997, 11.4867,
14.5022

■ 15.3997, 11.4867,
14.5022

■ 14.1943, 9.6522,
12.3239

■ 16.8398, 13.7376,
16.9223

■ 13.2090, 8.2062,
10.3779

■ 18.5263, 16.4271,
19.5918

■ 12.4289, 7.1204,
8.6551

■ 20.4712, 19.5776,
22.5186

■ 11.8365, 6.3614,
7.1451

■ 22.6852, 23.2097,
25.7100

■ 11.4094, 5.8858,
5.8357

■ 25.1785, 27.3427,
29.1733

■ 11.2106, 5.6760,
5.1901

■ 27.9610, 31.9948,
32.9151

■ 31.0418, 37.1832,
36.9419

■ 34.4296, 42.9245,
41.2600

■ 38.1329, 49.2344,
45.8754

Harmonies

Analogous

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



14.3379, 11.4867, 21.3781



15.3997, 11.4867, 14.5022



15.1473, 11.4867, 8.8750

Triad

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



15.3997, 11.4867, 14.5022



9.5624, 11.4867, 4.5085



8.5498, 11.4867, 23.7157

Complementary

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



15.3997, 11.4867, 14.5022



14.6870, 20.5324, 17.6581

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.



7.5594, 11.4867, 17.0154



15.3997, 11.4867, 14.5022



8.0899, 11.4867, 6.5086

Square

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



15.3997, 11.4867, 14.5022



11.5938, 11.4867, 4.2221



7.4026, 11.4867, 10.7039



10.2685, 11.4867, 27.7139

Rectangle

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



15.3997, 11.4867, 14.5022



14.2788, 11.4867, 6.4001



7.4026, 11.4867, 10.7039



8.1305, 11.4867, 21.6201

Sweetspot

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



15.4000, 11.4873, 14.5024



37.1235, 35.8164, 41.0070



13.3497, 10.1973, 24.9319



8.1628, 7.7663, 8.9569



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.



15.4000, 11.4873, 14.5024



25.4887, 17.3892, 22.2005



14.3483, 11.2943, 8.2619



5.1221, 5.0843, 5.7315



10.4484, 5.2895, 4.8657



0.0767, 0.0380, 0.0705

Inverse Universe

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



15.4000, 11.4873, 14.5024



25.4887, 17.3892, 22.2005



16.1556, 20.6617, 26.8038



5.1221, 5.0843, 5.7315



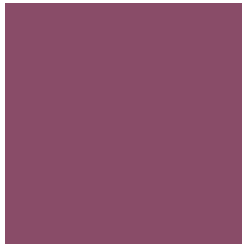
10.4484, 5.2895, 4.8657



0.0767, 0.0380, 0.0705

Previews

White Background



This preview shows how the XYZ color 15.3997, 11.4867, 14.5022 looks on a white background.

Color Contrast Check

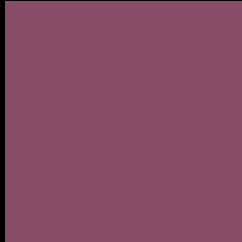
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.3997, 11.4867, 14.5022 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 15.3997, 11.4867, 14.5022

Background



This preview shows how black text looks on a background with the XYZ color 15.3997, 11.4867, 14.5022.



This preview shows how white text looks on a background with the XYZ color 15.3997, 11.4867,

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

15.3997, 11.4867, 14.5022

Protanopia

11.5590, 11.6695, 18.1662

Deuteranopia

11.7428, 11.5931, 13.9307



Tritanopia

14.5000, 11.5441, 10.0583

Trichromacy



Original Color

15.3997, 11.4867, 14.5022

Protanomaly

12.5987, 11.3374, 16.8536

Deuteranomaly

12.8767, 11.4205, 14.0961

Tritanomaly

14.8811, 11.5989, 11.5797

Monochromacy



Original Color

15.3997, 11.4867, 14.5022

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

12.5547, 11.5096, 13.6165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3997, 11.4867, 14.5022 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(137, 76, 104)` looks like.

```
.text, #text, p{  
    color:rgb(137, 76, 104)  
}
```

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(137, 76, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 76, 104) }
```

Border

The CSS property to change the border of an element to XYZ 15.3997, 11.4867, 14.5022 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(137, 76, 104) }
```


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

```
.border{ border-color:rgb(137, 76, 104) }
```

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

Here you see how a box with a 4 pixel rgb(137, 76, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 76, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 76, 104);  
box-shadow:4px 4px 4px 4px rgb(137, 76,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3997, 11.4867, 14.5022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 76, 104) }
```

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

```
.background{ background-color: rgb(137, 76,  
104) }
```

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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