

Converting Colors

XYZ(14.0921, 10.8118, 15.8979)

Have a look what the booklet for
XYZ(14.0921, 10.8118, 15.8979)
contains.

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Color

**XYZ(14.0972, 10.7850,
15.8067)**

Conversions

Conversions Part 1

Format	Color
Hex	7F4C6D
RGB	127, 76, 109
RGB Percent	50%, 30%, 43%
CMY	0.5020, 0.7020, 0.5725
CMYK	0.00, 0.40, 0.14, 0.50
HSL	321°, 25%, 40%
HSV	321°, 40%, 50%
XYZ	14.0972, 10.7850, 15.8067
YIQ	95.0110, 19.8030, 21.0750

Conversions

Conversions Part 2

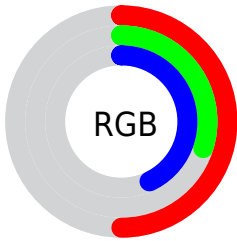
Format	Color
R_{YB}	127, 76, 109
Decimal	8342637
CIE _{Lab}	39.22, 26.67, -9.91
CIE _{LCh}	39, 28.451, 339.609
Yxy	10.7850, 0.3465, 0.2651
Android (android.graphics.Color)	4286532717 (0xFF7F4C6D)
YUV	95.0110, 6.8966, 28.0544
Hunter-Lab	32.8405, 19.1524, -5.5489

Details

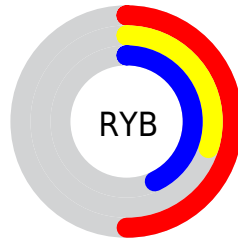
The XYZ color **14.0972, 10.7850, 15.8067** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **12.5907, 17.5238, 13.3093**, and the grayscale version is **10.8608, 11.4264, 12.4434**.

A 20% lighter version of the original color is **32.9499, 27.3187, 37.2546**, and **4.2622, 2.7522, 4.7215** is the 20% darker color. If you saturate the color by 10%, you get **13.0719, 9.1108, 14.3046**, and if you desaturate by 10%, it is **15.3082, 12.8107, 17.4317**.

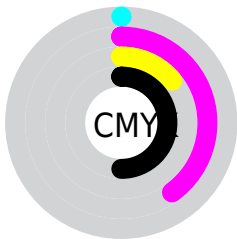
Distribution



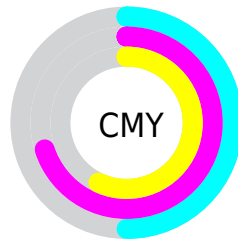
- Red (50%)
- Green (30%)
- Blue (43%)



- Red (50%)
- Yellow (30%)
- Blue (43%)



- Cyan (0%)
- Magenta (40%)
- Yellow (14%)
- Black (50%)



- Cyan (50%)
- Magenta (70%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0972, 10.7850, 15.8067 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 14.0972, 10.7850, 15.8067 by changing the saturation by 10% instead.

14.0972, 10.7850,
15.8067

14.0972, 10.7850,
15.8067

211.3332,
196.1865, 240.0050

8.2705, 5.9225,
9.2346

32.8462, 27.2619,
37.0244

4.3217, 2.7980,
4.7956

46.4992, 39.6451,
52.5071

1.8857, 1.0272,
2.0712

63.4917, 55.3039,
71.7971

0.5685, 0.0000,
0.5986

84.1889, 74.6227,
95.3129

0.0000, 0.0000,
0.0000

108.9563, 97.9860,
123.4730

138.1593,

125.7781, 156.6961

172.1631,
158.3835, 195.4005

■ 14.0972, 10.7850,
15.8067

■ 14.0972, 10.7850,
15.8067

■ 13.0719, 9.1108,
14.3046

■ 15.3082, 12.8107,
17.4317

■ 12.2210, 7.7660,
12.9204

■ 16.7134, 15.2051,
19.1829

■ 11.5333, 6.7284,
11.6494

■ 18.3222, 17.9863,
21.0644

■ 10.9959, 5.9726,
10.4866

■ 20.1428, 21.1706,
23.0799

■ 10.5937, 5.4688,
9.4259

■ 22.1831, 24.7734,
25.2327

■ 10.2822, 5.1240,
8.4645

■ 24.4504, 28.8093,
27.5261

■ 26.9519, 33.2922,
29.9633

■ 29.6944, 38.2354,
32.5474

■ 32.6842, 43.6517,
35.2812

Harmonies

Analogous

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



12.7777, 10.7850, 21.8652



14.0972, 10.7850, 15.8067



14.3195, 10.7850, 10.0719

Triad

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



14.0972, 10.7850, 15.8067



9.6494, 10.7850, 4.1207



7.6714, 10.7850, 19.8155

Complementary

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



14.0972, 10.7850, 15.8067



12.5907, 17.5238, 13.3093

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.



7.0366, 10.7850, 13.5895



14.0972, 10.7850, 15.8067



8.0812, 10.7850, 5.3560

Square

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



14.0972, 10.7850, 15.8067



11.5858, 10.7850, 4.3807



7.1767, 10.7850, 8.4433



9.0225, 10.7850, 24.6343

Rectangle

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



14.0972, 10.7850, 15.8067



13.7907, 10.7850, 7.2715



7.1767, 10.7850, 8.4433



7.3753, 10.7850, 17.7507

Sweetspot

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



14.0975, 10.7855, 15.8069



32.1654, 31.0885, 36.9833



11.0164, 9.0735, 21.2498



7.4586, 7.1534, 8.5754



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



14.0975, 10.7855, 15.8069



23.5800, 16.5913, 25.8786



12.9238, 10.3160, 9.6263



4.4357, 4.3874, 5.0989



10.3690, 5.1673, 8.5331



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.0975, 10.7855, 15.8069



23.5800, 16.5913, 25.8786



13.9211, 18.0560, 20.3150



4.4357, 4.3874, 5.0989



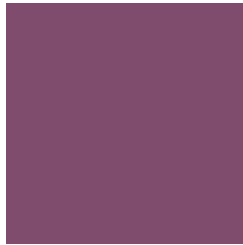
10.3690, 5.1673, 8.5331



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.0972, 10.7850, 15.8067 looks on a white background.

Color Contrast Check

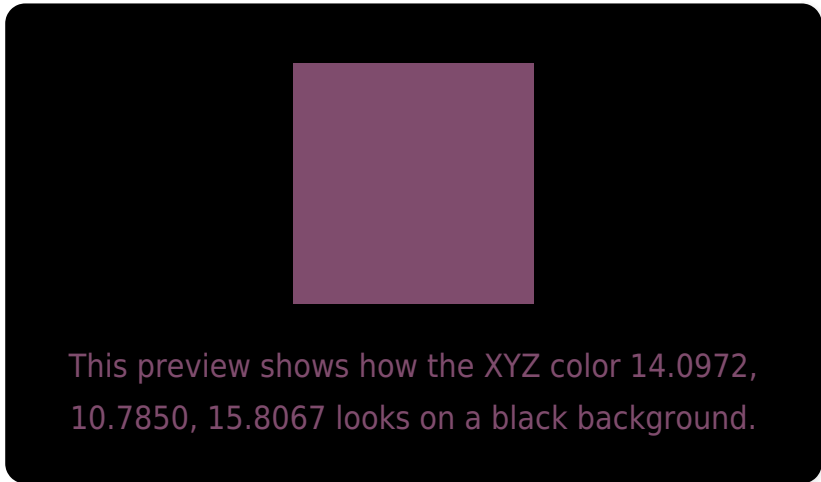
Large Text (above 18pt) WCAG AA ✓ Pass

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

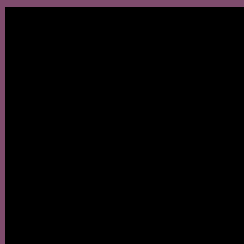
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.0972, 10.7850, 15.8067

Background



This preview shows how black text looks on a background with the XYZ color 14.0972, 10.7850, 15.8067.



This preview shows how white text looks on a background with the XYZ color 14.0972, 10.7850,

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

14.0972, 10.7850, 15.8067

Protanopia

10.9636, 10.9417, 19.3034

Deuteranopia

10.9770, 10.7858, 15.1390



Tritanopia

12.8606, 10.6943, 10.1905

Trichromacy



Original Color

14.0972, 10.7850, 15.8067

Protanomaly

11.7357, 10.6259, 17.9555

Deuteranomaly

11.9657, 10.6843, 15.3415

Tritanomaly

13.2738, 10.7601, 11.9670

Monochromacy



Original Color

14.0972, 10.7850, 15.8067

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

11.8534, 11.0253, 13.5600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0972, 10.7850, 15.8067 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(127, 76, 109)` looks like.

```
.text, #text, p{  
    color:rgb(127, 76, 109)  
}
```

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(127, 76, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 76, 109) }
```

Border

The CSS property to change the border of an element to XYZ 14.0972, 10.7850, 15.8067 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(127, 76, 109) }
```


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

```
.border{ border-color:rgb(127, 76, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 76, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 76, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 76, 109);  
box-shadow:4px 4px 4px 4px rgb(127, 76,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0972, 10.7850, 15.8067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 76, 109) }
```

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

```
.background{ background-color: rgb(127, 76,  
109) }
```

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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