

Converting Colors

XYZ(14.2694, 12.7955, 12.7266)

Have a look what the booklet for
XYZ(14.2694, 12.7955, 12.7266)
contains.

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Color

**XYZ(14.2506, 12.7839,
12.7828)**

Conversions

Conversions Part 1

Format	Color
Hex	7C5C60
RGB	124, 92, 96
RGB Percent	49%, 36%, 38%
CMY	0.5137, 0.6392, 0.6235
CMYK	0.00, 0.26, 0.23, 0.51
HSL	353°, 15%, 42%
HSV	353°, 26%, 49%
XYZ	14.2506, 12.7839, 12.7828
YIQ	102.0240, 17.7880, 8.0280

Conversions

Conversions Part 2

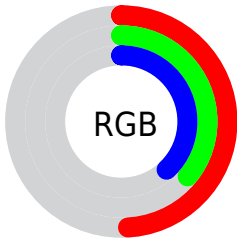
Format	Color
RYB	124, 92, 96
Decimal	8150112
CIELab	42.44, 13.75, 2.82
CIElCh	42, 14.032, 11.596
Yxy	12.7839, 0.3579, 0.3211
Android (android.graphics.Color)	4286340192 (0xFF7C5C60)
YUV	102.0240, -2.9698, 19.2730
Hunter-Lab	35.7546, 8.5737, 3.8311

Details

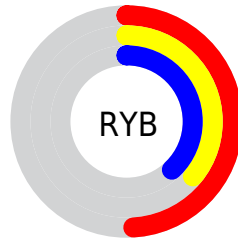
The XYZ color **14.2506, 12.7839, 12.7828** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.0119, 18.0469, 20.4623**, and the grayscale version is **12.6401, 13.2984, 14.4819**.

A 20% lighter version of the original color is **32.9928, 30.7684, 31.3941**, and **4.3768, 3.6401, 3.4895** is the 20% darker color. If you saturate the color by 10%, you get **12.7975, 10.6227, 10.0015**, and if you desaturate by 10%, it is **15.9492, 15.3255, 15.9865**.

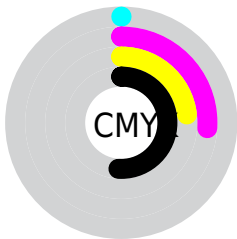
Distribution



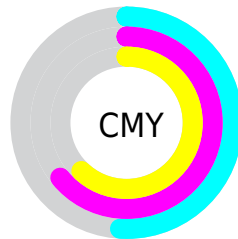
- Red (49%)
- Green (36%)
- Blue (38%)



- Red (49%)
- Yellow (36%)
- Blue (38%)



- Cyan (0%)
- Magenta (26%)
- Yellow (23%)
- Black (51%)



- Cyan (51%)
- Magenta (64%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2506, 12.7839, 12.7828 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 14.2506, 12.7839, 12.7828 by changing the saturation by 10% instead.

■ 14.2506, 12.7839,
12.7828

■ 14.2506, 12.7839,
12.7828

212.2638,
209.5280, 220.6797

■ 8.3780, 7.2799,
7.1502

■ 33.1156, 30.9150,
31.5985

■ 4.3916, 3.6378,
3.4763

■ 46.8387, 44.3109,
45.6186

■ 1.9260, 1.4731,
1.3427

■ 63.9094, 61.1062,
63.2717

■ 0.5919, 0.2697,
0.0964

■ 84.6930, 81.6854,
84.9762

■ 0.0000, 0.0000,
0.0000

109.5549,
106.4327, 111.1507

138.8605,

135.7327, 142.2137

172.9750,
169.9697, 178.5839

■ 14.2506, 12.7839,
12.7828

■ 14.2506, 12.7839,
12.7828

■ 12.7975, 10.6227,
10.0015

■ 15.9492, 15.3255,
15.9865

■ 11.5776, 8.8221,
7.6242

■ 17.9029, 18.2628,
19.6285

■ 10.5788, 7.3627,
5.6322

■ 20.1220, 21.6123,
23.7246

■ 9.7879, 6.2231,
4.0051

■ 22.6160, 25.3891,
28.2898

■ 9.1899, 5.3792,
2.7207

■ 25.3939, 29.6076,
33.3383

■ 8.7680, 4.8033,
1.7541

■ 28.4642, 34.2813,
38.8838

■ 8.4953, 4.4487,
1.0749

■ 31.8351, 39.4233,
44.9394

■ 8.4019, 4.3210,
0.8617

■ 35.5145, 45.0463,
51.5176

■ 39.5101, 51.1621,
58.6307

Harmonies

Analogous

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



14.1813, 12.7839, 15.8376



14.2506, 12.7839, 12.7828



13.7336, 12.7839, 10.4044

Triad

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



14.2506, 12.7839, 12.7828



10.8518, 12.7839, 10.0073



11.5208, 12.7839, 20.1995

Complementary

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



14.2506, 12.7839, 12.7828



15.0119, 18.0469, 20.4623

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.



10.6944, 12.7839, 18.1487



14.2506, 12.7839, 12.7828



10.3238, 12.7839, 12.1629

Square

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



14.2506, 12.7839, 12.7828



11.7470, 12.7839, 8.9641



10.2680, 12.7839, 15.1217



12.5635, 12.7839, 20.4295

Rectangle

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



14.2506, 12.7839, 12.7828



13.1425, 12.7839, 9.4048



10.2680, 12.7839, 15.1217



11.2101, 12.7839, 19.6878

Sweetspot

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



14.2510, 12.7845, 12.7831



30.6429, 30.8401, 32.9407



15.1744, 13.0842, 20.7945



7.1081, 7.0997, 7.5558



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



14.2510, 12.7845, 12.7831



23.5104, 20.1626, 19.5040



15.1678, 14.9053, 12.2036



4.0168, 4.0224, 4.2862



8.5408, 4.3925, 0.8728



40.5625, 20.8814, 3.2265

Inverse Universe

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



14.2510, 12.7845, 12.7831



23.5104, 20.1626, 19.5040



13.8758, 15.3782, 21.3057



4.0168, 4.0224, 4.2862



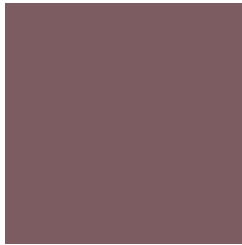
8.5408, 4.3925, 0.8728



40.5625, 20.8814, 3.2265

Previews

White Background



This preview shows how the XYZ color 14.2506, 12.7839, 12.7828 looks on a white background.

Color Contrast Check

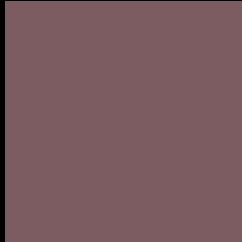
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.2506, 12.7839, 12.7828 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 14.2506, 12.7839, 12.7828

Background



This preview shows how black text looks on a background with the XYZ color 14.2506, 12.7839, 12.7828.

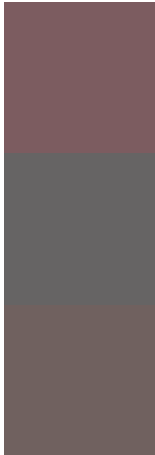


This preview shows how white text looks on a background with the XYZ color 14.2506, 12.7839,

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

14.2506, 12.7839, 12.7828

Protanopia

12.3369, 12.8592, 13.8884

Deuteranopia

13.0223, 12.8204, 12.6147



Tritanopia

14.3915, 12.8402, 13.5243

Trichromacy



Original Color

14.2506, 12.7839, 12.7828

Protanomaly

12.9572, 12.7652, 13.5854

Deuteranomaly

13.3602, 12.7236, 12.5782

Tritanomaly

14.3439, 12.8212, 13.2740

Monochromacy



Original Color

14.2506, 12.7839, 12.7828

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.0983, 12.9705, 13.8698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2506, 12.7839, 12.7828 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(124, 92, 96) looks like.

```
.text, #text, p{  
    color:rgb(124, 92, 96)  
}
```

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(124, 92, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 92, 96) }
```

Border

The CSS property to change the border of an element to XYZ 14.2506, 12.7839, 12.7828 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(124, 92, 96) }
```


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

```
.border{ border-color:rgb(124, 92, 96) }
```

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

Here you see how a box with a 4 pixel rgb(124, 92, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 92, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 92, 96);  
box-shadow:4px 4px 4px 4px rgb(124, 92,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2506, 12.7839, 12.7828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 92, 96) }
```

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

```
.background{ background-color: rgb(124, 92,  
96) }
```

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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