

Converting Colors

XYZ(14.4266, 13.2074, 12.8236)

Have a look what the booklet for
XYZ(14.4266, 13.2074, 12.8236)
contains.

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Color

**XYZ(14.5157, 13.3140,
12.8711)**

Conversions

Conversions Part 1

Format	Color
Hex	7C5F60
RGB	124, 95, 96
RGB Percent	49%, 37%, 38%
CMY	0.5137, 0.6274, 0.6235
CMYK	0.00, 0.23, 0.23, 0.51
HSL	358°, 13%, 43%
HSV	358°, 23%, 49%
XYZ	14.5157, 13.3140, 12.8711
YIQ	103.7850, 16.9630, 6.4590

Conversions

Conversions Part 2

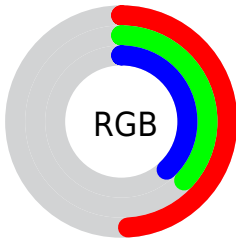
Format	Color
RYB	124, 95, 96
Decimal	8150880
CIELab	43.23, 11.95, 3.97
CIElCh	43, 12.591, 18.377
Yxy	13.3140, 0.3566, 0.3271
Android (android.graphics.Color)	4286340960 (0xFF7C5F60)
YUV	103.7850, -3.8380, 17.7286
Hunter-Lab	36.4884, 7.1558, 4.6276

Details

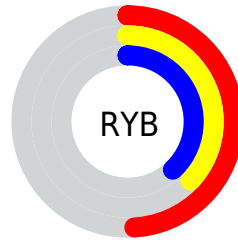
The XYZ color **14.5157, 13.3140, 12.8711** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.5027, 18.2786, 21.4508**, and the grayscale version is **13.1077, 13.7903, 15.0176**.

A 20% lighter version of the original color is **33.5987, 31.9802, 31.5961**, and **4.4981, 3.8828, 3.5300** is the 20% darker color. If you saturate the color by 10%, you get **12.9765, 11.0516, 9.8423**, and if you desaturate by 10%, it is **16.3174, 15.9669, 16.4020**.

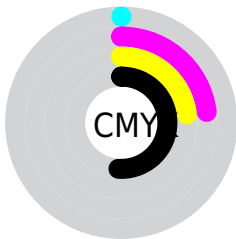
Distribution



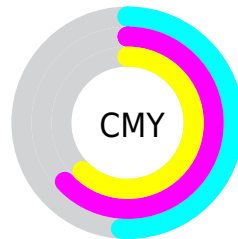
- Red (49%)
- Green (37%)
- Blue (38%)



- Red (49%)
- Yellow (37%)
- Blue (38%)



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



- Cyan (51%)
- Magenta (63%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5157, 13.3140, 12.8711 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 14.5157, 13.3140, 12.8711 by changing the saturation by 10% instead.

■ 14.5157, 13.3140,
12.8711

■ 14.5157, 13.3140,
12.8711

213.8629,
212.9204, 221.2686

■ 8.5643, 7.6451,
7.2102

■ 33.5800, 31.8668,
31.7598

■ 4.5129, 3.8687,
3.5134

■ 47.4236, 45.5194,
45.8246

■ 1.9962, 1.6004,
1.3624

■ 64.6286, 62.6021,
63.5279

■ 0.6318, 0.3579,
0.1121

■ 85.5604, 83.4993,
85.2880

■ 0.0000, 0.0000,
0.0000

110.5844,
108.5953, 111.5236

140.0659,

138.2746, 142.6532

174.3703,
172.9215, 179.0954

■ 14.5157, 13.3140,
12.8711

■ 14.5157, 13.3140,
12.8711

■ 12.9765, 11.0516,
9.8423

■ 16.3174, 15.9669,
16.4020

■ 11.6866, 9.1594,
7.2921

■ 18.3920, 19.0255,
20.4555

■ 10.6331, 7.6185,
5.1962

■ 20.7505, 22.5066,
25.0520

■ 9.8018, 6.4071,
3.5280

■ 23.4031, 26.4252,
30.2103

■ 9.1767, 5.5012,
2.2579

■ 26.3593, 30.7960,
35.9487

■ 8.7397, 4.8736,
1.3530

■ 29.6284, 35.6326,
42.2845

■ 8.4688, 4.4902,
0.7742

■ 33.2193, 40.9482,
49.2340

■ 8.3356, 4.2945,
0.5121

■ 37.1403, 46.7556,
56.8134

■ 41.3996, 53.0670,
65.0378

Harmonies

Analogous

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



14.5784, 13.3140, 15.6039



14.5157, 13.3140, 12.8711



13.9393, 13.3140, 10.8466

Triad

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



14.5157, 13.3140, 12.8711



11.3060, 13.3140, 11.2190



12.2811, 13.3140, 20.4083

Complementary

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



14.5157, 13.3140, 12.8711



15.5027, 18.2786, 21.4508

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.



11.4513, 13.3140, 18.8856



14.5157, 13.3140, 12.8711



10.9079, 13.3140, 13.4431

Square

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



14.5157, 13.3140, 12.8711



12.0734, 13.3140, 9.9805



10.9597, 13.3140, 16.2537



13.2540, 13.3140, 20.2036

Rectangle

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



14.5157, 13.3140, 12.8711



13.3570, 13.3140, 10.0617



10.9597, 13.3140, 16.2537



11.9771, 13.3140, 20.0743

Sweetspot

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



14.5161, 13.3146, 12.8714



30.9273, 31.3592, 33.1890



15.8348, 13.8181, 20.9015



7.2461, 7.3300, 7.7429



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.



14.5161, 13.3146, 12.8714



24.0583, 21.2446, 19.7287



15.7460, 15.8475, 13.0561



4.0034, 4.0171, 4.2154



8.4737, 4.3656, 0.5195



40.3556, 20.7986, 2.1370

Inverse Universe

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



14.5161, 13.3146, 12.8714



24.0583, 21.2446, 19.7287



14.0369, 15.2466, 21.2720



4.0034, 4.0171, 4.2154



8.4737, 4.3656, 0.5195



40.3556, 20.7986, 2.1370

Previews

White Background



This preview shows how the XYZ color 14.5157, 13.3140, 12.8711 looks on a white background.

Color Contrast Check

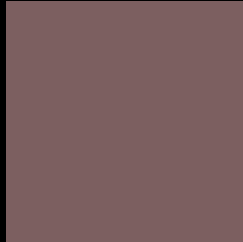
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5157, 13.3140, 12.8711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

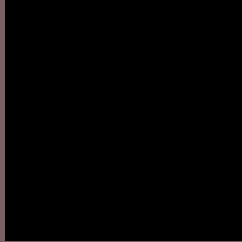
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.5157, 13.3140, 12.8711

Background



This preview shows how black text looks on a background with the XYZ color 14.5157, 13.3140, 12.8711.



This preview shows how white text looks on a background with the XYZ color 14.5157, 13.3140,

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

14.5157, 13.3140, 12.8711

Protanopia

12.8773, 13.4261, 13.9694

Deuteranopia

13.5976, 13.3947, 12.6952



Tritanopia

14.8091, 13.3050, 14.0995

Trichromacy



Original Color

14.5157, 13.3140, 12.8711

Protanomaly

13.3961, 13.2693, 13.6596

Deuteranomaly

13.9045, 13.4131, 12.6826

Tritanomaly

14.7123, 13.2662, 13.5896

Monochromacy



Original Color

14.5157, 13.3140, 12.8711

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.5582, 13.6265, 14.2275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5157, 13.3140, 12.8711 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, 95, 96)` looks like.

```
.text, #text, p{  
    color:rgb(124, 95, 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, 95, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 95, 96) }
```

Border

The CSS property to change the border of an element to XYZ 14.5157, 13.3140, 12.8711 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, 95, 96) }
```


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

```
.border{ border-color:rgb(124, 95, 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, 95, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 95, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 95, 96);  
box-shadow:4px 4px 4px 4px rgb(124, 95,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5157, 13.3140, 12.8711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 95, 96) }
```

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

```
.background{ background-color: rgb(124, 95,  
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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