

Converting Colors

XYZ(14.1388, 12.7844, 11.3424)

Have a look what the booklet for
XYZ(14.1388, 12.7844, 11.3424)
contains.

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Color

**XYZ(14.1301, 12.7525,
11.3896)**

Conversions

Conversions Part 1

Format	Color
Hex	7D5C5A
RGB	125, 92, 90
RGB Percent	49%, 36%, 35%
CMY	0.5098, 0.6392, 0.6471
CMYK	0.00, 0.26, 0.28, 0.51
HSL	3°, 16%, 42%
HSV	3°, 28%, 49%
XYZ	14.1301, 12.7525, 11.3896
YIQ	101.6390, 20.3100, 6.3740

Conversions

Conversions Part 2

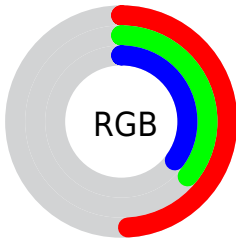
Format	Color
R _Y B	125, 92, 90
Decimal	8215642
CIE Lab	42.39, 13.20, 6.43
CIE LCh	42, 14.686, 25.982
Yxy	12.7525, 0.3692, 0.3332
Android (android.graphics.Color)	4286405722 (0xFF7D5C5A)
YUV	101.6390, -5.7380, 20.4876
Hunter-Lab	35.7106, 8.1358, 6.0874

Details

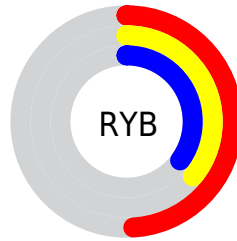
The XYZ color **14.1301, 12.7525, 11.3896** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.0009, 17.8197, 22.0511**, and the grayscale version is **12.5463, 13.1997, 14.3744**.

A 20% lighter version of the original color is **32.7667, 30.7044, 29.0105**, and **4.3523, 3.6393, 2.9557** is the 20% darker color. If you saturate the color by 10%, you get **12.6995, 10.6723, 8.5049**, and if you desaturate by 10%, it is **15.8097, 15.1873, 14.7992**.

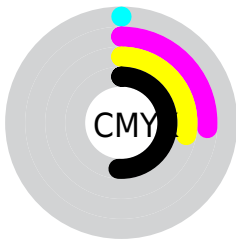
Distribution



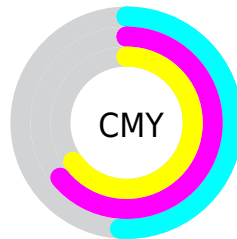
- Red (49%)
- Green (36%)
- Blue (35%)



- Red (49%)
- Yellow (36%)
- Blue (35%)



- Cyan (0%)
- Magenta (26%)
- Yellow (28%)
- Black (51%)





- Cyan (51%)
- Magenta (64%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.1301, 12.7525, 11.3896 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 14.1301, 12.7525, 11.3896 by changing the saturation by 10% instead.


 14.1301, 12.7525,
11.3896


 14.1301, 12.7525,
11.3896


211.5331,
209.3253, 211.1538


 8.2935, 7.2583,
6.2121


 32.9040, 30.8584,
29.0260


 4.3367, 3.6242,
2.9036

 46.5721, 44.2390,
42.3219

 1.8943, 1.4656,
1.0456

 63.5814, 61.0171,
59.1610

 0.5735, 0.2644,
0.0000

 84.2972, 81.5772,
79.9619

 0.0000, 0.0000,
0.0000

 109.0849,
106.3037, 105.1431

138.3099,

135.5809, 135.1231

172.3375,
169.7934, 170.3205

■ 14.1301, 12.7525,
11.3896

■ 14.1301, 12.7525,
11.3896

■ 12.6995, 10.6723,
8.5049

■ 15.8097, 15.1873,
14.7992

■ 11.5051, 8.9286,
6.1181

■ 17.7483, 17.9904,
18.7569

■ 10.5345, 7.5042,
4.2015

■ 19.9567, 21.1767,
23.2859

■ 9.7737, 6.3797,
2.7238

■ 22.4445, 24.7600,
28.4075

■ 9.2072, 5.5336,
1.6504

■ 25.2210, 28.7533,
34.1420

■ 8.8173, 4.9417,
0.9411

■ 28.2952, 33.1689,
40.5087

■ 8.5744, 4.5719,
0.5024

■ 31.6756, 38.0188,
47.5261

■ 8.5351, 4.5153,
0.4217

■ 35.3702, 43.3143,
55.2121

■ 39.3869, 49.0665,
63.5835

Harmonies

Analogous

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



14.3631, 12.7525, 14.3155



14.1301, 12.7525, 11.3896



13.3471, 12.7525, 9.4329

Triad

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



14.1301, 12.7525, 11.3896



10.4458, 12.7525, 10.7555



11.9728, 12.7525, 20.8722

Complementary

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



14.1301, 12.7525, 11.3896



15.0009, 17.8197, 22.0511

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.



10.9721, 12.7525, 19.5558



14.1301, 12.7525, 11.3896



10.1250, 12.7525, 13.4638

Square

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



14.1301, 12.7525, 11.3896



11.2149, 12.7525, 9.1076



10.3117, 12.7525, 16.7213



13.0744, 12.7525, 20.0957

Rectangle

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



14.1301, 12.7525, 11.3896



12.6421, 12.7525, 8.7845



10.3117, 12.7525, 16.7213



11.6141, 12.7525, 20.6551

Sweetspot

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



14.1304, 12.7531, 11.3899



31.7110, 32.1125, 33.4420



15.7046, 13.1088, 20.5237



7.1048, 7.1480, 7.3853



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.



14.1304, 12.7531, 11.3899



23.5088, 20.2285, 16.7726



15.7984, 16.0890, 11.9458



4.3460, 4.3807, 4.5366



8.9062, 4.7089, 0.4395



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.0009, 17.8197, 22.0511



25.3533, 30.9719, 39.3863



13.0466, 13.9111, 21.3996



4.4260, 4.8461, 5.5154



10.6045, 15.0275, 22.5916



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.1301, 12.7525, 11.3896 looks on a white background.

Color Contrast Check

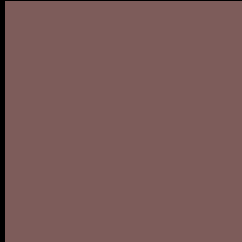
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.1301, 12.7525, 11.3896 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 14.1301, 12.7525, 11.3896

Background



This preview shows how black text looks on a background with the XYZ color 14.1301, 12.7525, 11.3896.



This preview shows how white text looks on a background with the XYZ color 14.1301, 12.7525,

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

14.1301, 12.7525, 11.3896

Protanopia

12.2865, 12.8656, 12.4254

Deuteranopia

13.0173, 12.8481, 11.2450



Tritanopia

14.5499, 12.7996, 13.2590

Trichromacy



Original Color

14.1301, 12.7525, 11.3896

Protanomaly

12.9326, 12.7844, 12.1420

Deuteranomaly

13.3666, 12.7572, 11.2091

Tritanomaly

14.4108, 12.7440, 12.5268

Monochromacy



Original Color

14.1301, 12.7525, 11.3896

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.0027, 12.9322, 13.3661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1301, 12.7525, 11.3896 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(125, 92, 90)` looks like.

```
.text, #text, p{  
    color:rgb(125, 92, 90)  
}
```

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(125, 92, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 92, 90) }
```

Border

The CSS property to change the border of an element to XYZ 14.1301, 12.7525, 11.3896 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(125, 92, 90) }
```


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

```
.border{ border-color:rgb(125, 92, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 92, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 92, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 92, 90);  
box-shadow:4px 4px 4px 4px rgb(125, 92,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1301, 12.7525, 11.3896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 92, 90) }
```

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

```
.background{ background-color: rgb(125, 92,  
90) }
```

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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