

Converting Colors

XYZ(14.0300, 12.0069, 13.7686)

Have a look what the booklet for
XYZ(14.0300, 12.0069, 13.7686)
contains.

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Color

**XYZ(14.0693, 12.0411,
13.8945)**

Conversions

Conversions Part 1

Format	Color
Hex	7C5765
RGB	124, 87, 101
RGB Percent	49%, 34%, 40%
CMY	0.5137, 0.6588, 0.6039
CMYK	0.00, 0.30, 0.19, 0.51
HSL	337°, 18%, 41%
HSV	337°, 30%, 49%
XYZ	14.0693, 12.0411, 13.8945
YIQ	99.6590, 17.5580, 12.1980

Conversions

Conversions Part 2

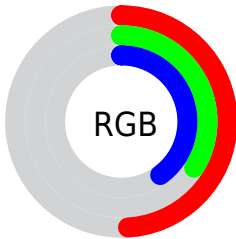
Format	Color
RYB	124, 87, 101
Decimal	8148837
CIELab	41.28, 17.59, -1.93
CIElCh	41, 17.696, 353.738
Yxy	12.0411, 0.3517, 0.3010
Android (android.graphics.Color)	4286338917 (0xFF7C5765)
YUV	99.6590, 0.6611, 21.3471
Hunter-Lab	34.7003, 11.6477, 0.5496

Details

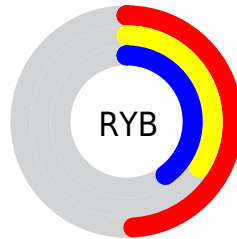
The XYZ color **14.0693, 12.0411, 13.8945** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **13.9531, 17.5676, 17.4082**, and the grayscale version is **12.0219, 12.6480, 13.7737**.

A 20% lighter version of the original color is **32.7446, 29.5054, 33.6751**, and **4.2828, 3.3081, 3.9028** is the 20% darker color. If you saturate the color by 10%, you get **12.7902, 10.0591, 11.6913**, and if you desaturate by 10%, it is **15.5570, 14.3833, 16.3423**.

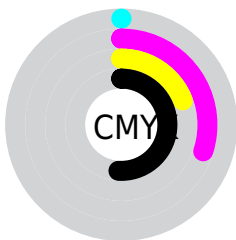
Distribution



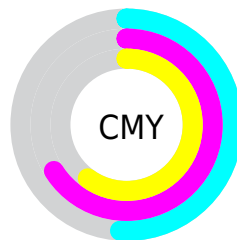
- Red (49%)
- Green (34%)
- Blue (40%)



- Red (49%)
- Yellow (34%)
- Blue (40%)



- Cyan (0%)
- Magenta (30%)
- Yellow (19%)
- Black (51%)



- Cyan (51%)
- Magenta (66%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0693, 12.0411, 13.8945 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 14.0693, 12.0411, 13.8945 by changing the saturation by 10% instead.

■ 14.0693, 12.0411,
13.8945

■ 14.0693, 12.0411,
13.8945

211.1635,
204.6772, 227.9791

■ 8.2509, 6.7717,
7.9094

■ 32.7972, 29.5699,
33.6161

■ 4.3091, 3.3197,
3.9501

■ 46.4374, 42.5981,
48.1898

■ 1.8784, 1.3008,
1.5980

■ 63.4155, 58.9814,
66.4634

■ 0.5643, 0.1419,
0.2894

■ 84.0970, 79.1041,
88.8554

■ 0.0000, 0.0000,
0.0000

■ 108.8472,
103.3506, 115.7844

138.0315,

132.1054, 147.6691

172.0151,
165.7528, 184.9278

■ 14.0693, 12.0411,
13.8945

■ 14.0693, 12.0411,
13.8945

■ 12.7902, 10.0591,
11.6913

■ 15.5570, 14.3833,
16.3423

■ 11.7088, 8.4177,
9.7239

■ 17.2614, 17.1008,
19.0417

■ 10.8150, 7.0978,
7.9841

■ 19.1915, 20.2099,
22.0002

■ 10.0971, 6.0778,
6.4627

■ 21.3552, 23.7253,
25.2246

■ 9.5420, 5.3333,
5.1500

■ 23.7602, 27.6611,
28.7218

■ 9.1346, 4.8363,
4.0349

■ 26.4140, 32.0306,
32.4982

■ 8.8283, 4.4951,
3.0958

■ 29.3235, 36.8466,
36.5599

■ 8.8235, 4.4896,
3.0816

■ 32.4953, 42.1213,
40.9131

■ 35.9361, 47.8664,
45.5635

Harmonies

Analogous

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



13.5458, 12.0411, 17.7366



14.0693, 12.0411, 13.8945



13.8484, 12.0411, 10.4733

Triad

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



14.0693, 12.0411, 13.8945



10.4824, 12.0411, 7.6596



10.0500, 12.0411, 19.6541

Complementary

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



14.0693, 12.0411, 13.8945



13.9531, 17.5676, 17.4082

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.



9.3366, 12.0411, 16.1574



14.0693, 12.0411, 13.8945



9.5729, 12.0411, 9.3684

Square

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



14.0693, 12.0411, 13.8945



11.7152, 12.0411, 7.2788



9.1687, 12.0411, 12.3570



11.1784, 12.0411, 21.4383

Rectangle

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



14.0693, 12.0411, 13.8945



13.3163, 12.0411, 8.8168



9.1687, 12.0411, 12.3570



9.7572, 12.0411, 18.6118

Sweetspot

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



14.0696, 12.0417, 13.8947



30.5757, 30.4135, 33.8195



13.4544, 11.5755, 20.5939



7.1081, 7.0139, 7.8203



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.



14.0696, 12.0417, 13.8947



23.1418, 18.6776, 21.6859



13.8011, 12.5102, 10.7049



4.0552, 4.0378, 4.4885



8.9687, 4.5637, 3.1264



42.3968, 21.6151, 12.8858

Inverse Universe

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



14.0696, 12.0417, 13.8947



23.1418, 18.6776, 21.6859



14.2474, 16.8386, 21.5680



4.0552, 4.0378, 4.4885



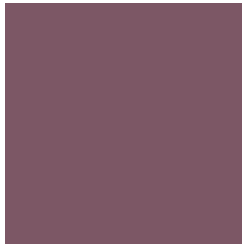
8.9687, 4.5637, 3.1264



42.3968, 21.6151, 12.8858

Previews

White Background



This preview shows how the XYZ color 14.0693, 12.0411, 13.8945 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 14.0693, 12.0411, 13.8945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

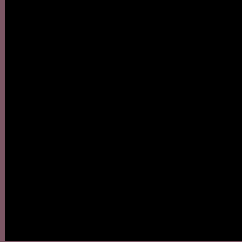
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.0693, 12.0411, 13.8945

Background



This preview shows how black text looks on a background with the XYZ color 14.0693, 12.0411, 13.8945.



This preview shows how white text looks on a background with the XYZ color 14.0693, 12.0411,

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

14.0693, 12.0411, 13.8945

Protanopia

11.8583, 12.1523, 15.6305

Deuteranopia

12.3363, 12.1687, 13.7552



Tritanopia

13.7237, 12.0166, 12.4226

Trichromacy



Original Color

14.0693, 12.0411, 13.8945

Protanomaly

12.5276, 11.9744, 15.0156

Deuteranomaly

12.9374, 12.0851, 13.7074

Tritanomaly

13.8158, 12.0535, 12.9076

Monochromacy



Original Color

14.0693, 12.0411, 13.8945

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

12.6991, 12.3557, 13.7722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0693, 12.0411, 13.8945 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, 87, 101)` looks like.

```
.text, #text, p{  
    color:rgb(124, 87, 101)  
}
```

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, 87, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 87, 101) }
```

Border

The CSS property to change the border of an element to XYZ 14.0693, 12.0411, 13.8945 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, 87, 101) }
```


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

```
.border{ border-color:rgb(124, 87, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 87, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 87, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 87, 101);  
box-shadow:4px 4px 4px 4px rgb(124, 87,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0693, 12.0411, 13.8945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 87, 101) }
```

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

```
.background{ background-color: rgb(124, 87,  
101) }
```

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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