

Converting Colors

XYZ(14.8971, 13.4328, 12.4798)

Have a look what the booklet for
XYZ(14.8971, 13.4328, 12.4798)
contains.

XYZ(14.9252, 13.4028, 12.3900)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.9252, 13.4028,
12.3900)**

Conversions

Conversions Part 1

Format	Color
Hex	805E5E
RGB	128, 94, 94
RGB Percent	50%, 37%, 37%
CMY	0.4980, 0.6314, 0.6314
CMYK	0.00, 0.27, 0.27, 0.50
HSL	0°, 15%, 44%
HSV	0°, 27%, 50%
XYZ	14.9252, 13.4028, 12.3900
YIQ	104.1660, 20.2640, 7.2080

Conversions

Conversions Part 2

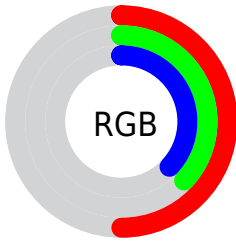
Format	Color
RYB	128, 94, 94
Decimal	8412766
CIELab	43.36, 13.87, 5.43
CIElCh	43, 14.899, 21.393
Yxy	13.4028, 0.3666, 0.3292
Android (android.graphics.Color)	4286602846 (0xFF805E5E)
YUV	104.1660, -5.0118, 20.9024
Hunter-Lab	36.6098, 8.7042, 5.5612

Details

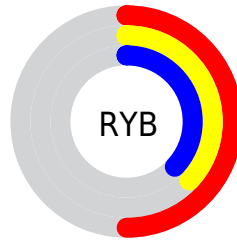
The XYZ color **14.9252, 13.4028, 12.3900** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.2313, 19.3759, 23.3066**, and the grayscale version is **13.2121, 13.9002, 15.1373**.

A 20% lighter version of the original color is **34.4508, 32.2095, 30.7869**, and **4.7323, 3.9470, 3.3087** is the 20% darker color. If you saturate the color by 10%, you get **13.3525, 11.1016, 9.2631**, and if you desaturate by 10%, it is **16.7826, 16.1208, 16.0821**.

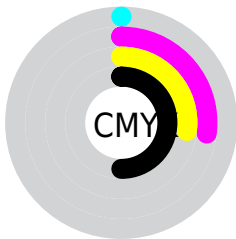
Distribution



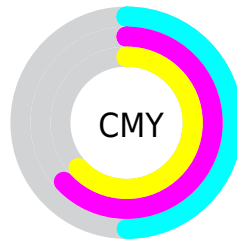
- Red (50%)
- Green (37%)
- Blue (37%)



- Red (50%)
- Yellow (37%)
- Blue (37%)



- Cyan (0%)
- Magenta (27%)
- Yellow (27%)
- Black (50%)



- Cyan (50%)
- Magenta (63%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9252, 13.4028, 12.3900 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 14.9252, 13.4028, 12.3900 by changing the saturation by 10% instead.

■ 14.9252, 13.4028,
12.3900

■ 14.9252, 13.4028,
12.3900

216.3104,
213.4833, 218.0391

■ 8.8529, 7.7065,
6.8841

■ 34.2946, 32.0256,
30.8784

■ 4.7017, 3.9077,
3.3124

■ 48.3225, 45.7208,
44.6980

■ 2.1063, 1.6221,
1.2563

■ 65.7328, 62.8512,
62.1259

■ 0.6926, 0.3724,
0.0255

■ 86.8911, 83.8010,
83.5807

■ 0.0000, 0.0000,
0.0000

112.1627,
108.9547, 109.4808

141.9128,

138.6968, 140.2449

176.5069,
173.4115, 176.2915

■ 14.9252, 13.4028,
12.3900

■ 14.9252, 13.4028,
12.3900

■ 13.3525, 11.1016,
9.2631

■ 16.7826, 16.1208,
16.0821

■ 12.0495, 9.1950,
6.6729

■ 18.9367, 19.2729,
20.3645

■ 11.0014, 7.6612,
4.5893

■ 21.4001, 22.8775,
25.2617

■ 10.1914, 6.4760,
2.9792

■ 24.1843, 26.9515,
30.7968

■ 9.6010, 5.6120,
1.8055

■ 27.3003, 31.5110,
36.9914

■ 9.2086, 5.0378,
1.0256

■ 30.7584, 36.5711,
43.8664

■ 8.9741, 4.6946,
0.5595

■ 34.5687, 42.1465,
51.4415

■ 8.9023, 4.5895,
0.4167

■ 38.7408, 48.2513,
59.7357

■ 43.2837, 54.8987,
68.7673

Harmonies

Analogous

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



15.0682, 13.4028, 15.5680



14.9252, 13.4028, 12.3900



14.1785, 13.4028, 10.1583

Triad

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



14.9252, 13.4028, 12.3900



11.0780, 13.4028, 10.9672



12.4089, 13.4028, 21.8448

Complementary

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



14.9252, 13.4028, 12.3900



16.2313, 19.3759, 23.3066

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.



11.4003, 13.4028, 20.1614



14.9252, 13.4028, 12.3900



10.6630, 13.4028, 13.6603

Square

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



14.9252, 13.4028, 12.3900



11.9444, 13.4028, 9.4275



10.7774, 13.4028, 17.0436



13.5680, 13.4028, 21.3677

Rectangle

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



14.9252, 13.4028, 12.3900



13.4622, 13.4028, 9.3485



10.7774, 13.4028, 17.0436



12.0421, 13.4028, 21.5046

Sweetspot

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



14.9256, 13.4034, 12.3903



32.6894, 32.9793, 34.5593



16.8012, 14.1533, 22.2685



7.5312, 7.5424, 7.8482



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.



14.9256, 13.4034, 12.3903



24.5112, 21.0124, 18.3012



16.6070, 16.7664, 12.9508



4.3278, 4.3443, 4.5306



8.8272, 4.5508, 0.4131



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.2313, 19.3759, 23.3066



27.2228, 33.4155, 40.9713



14.1969, 15.3072, 22.6285



4.4464, 4.8868, 5.5222



11.5161, 16.8507, 22.8955



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.9252, 13.4028, 12.3900 looks on a white background.

Color Contrast Check

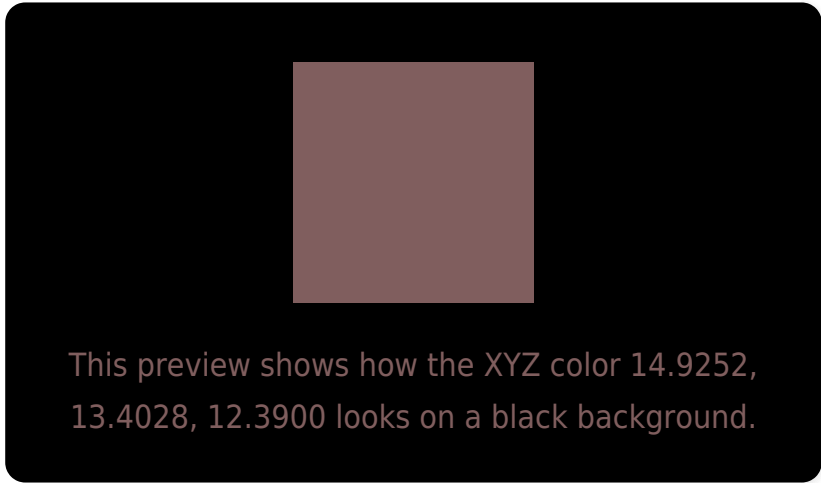
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.9252, 13.4028, 12.3900

Background



This preview shows how black text looks on a background with the XYZ color 14.9252, 13.4028, 12.3900.



This preview shows how white text looks on a background with the XYZ color 14.9252, 13.4028,

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

14.9252, 13.4028, 12.3900

Protanopia

12.8998, 13.4488, 13.4712

Deuteranopia

13.6401, 13.4270, 12.2287



Tritanopia

15.2679, 13.4159, 13.8414

Trichromacy



Original Color

14.9252, 13.4028, 12.3900

Protanomaly

13.5589, 13.3642, 13.1742

Deuteranomaly

13.9962, 13.3328, 12.1917

Tritanomaly

15.1722, 13.3777, 13.3378

Monochromacy



Original Color

14.9252, 13.4028, 12.3900

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.6675, 13.5452, 13.9507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9252, 13.4028, 12.3900 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(128, 94, 94)` looks like.

```
.text, #text, p{  
    color:rgb(128, 94, 94)  
}
```

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(128, 94, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 94, 94) }
```

Border

The CSS property to change the border of an element to XYZ 14.9252, 13.4028, 12.3900 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(128, 94, 94) }
```


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

```
.border{ border-color:rgb(128, 94, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 94, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 94, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 94, 94);  
box-shadow:4px 4px 4px 4px rgb(128, 94,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9252, 13.4028, 12.3900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 94, 94) }
```

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

```
.background{ background-color: rgb(128, 94,  
94) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor