

Converting Colors

XYZ(16.3999, 14.3540, 12.4498)

Have a look what the booklet for
XYZ(16.3999, 14.3540, 12.4498)
contains.

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Color

**XYZ(16.4291, 14.3109,
12.4861)**

Conversions

Conversions Part 1

Format	Color
Hex	895F5E
RGB	137, 95, 94
RGB Percent	54%, 37%, 37%
CMY	0.4627, 0.6274, 0.6314
CMYK	0.00, 0.31, 0.31, 0.46
HSL	1°, 19%, 45%
HSV	1°, 31%, 54%
XYZ	16.4291, 14.3109, 12.4861
YIQ	107.4440, 25.3530, 8.5930

Conversions

Conversions Part 2

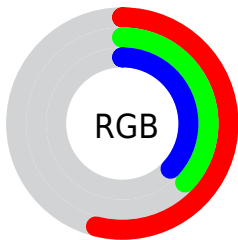
Format	Color
RYB	137, 95, 94
Decimal	9002846
CIELab	44.68, 16.99, 7.45
CIELCh	45, 18.551, 23.665
Yxy	14.3109, 0.3801, 0.3311
Android (android.graphics.Color)	4287192926 (0xFF895F5E)
YUV	107.4440, -6.6279, 25.9206
Hunter-Lab	37.8298, 11.3188, 6.9115

Details

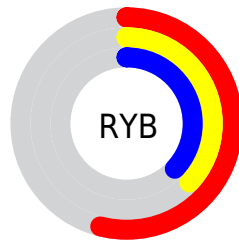
The XYZ color **16.4291, 14.3109, 12.4861** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.9354, 21.7935, 26.9282**, and the grayscale version is **14.1117, 14.8466, 16.1680**.

A 20% lighter version of the original color is **36.7988, 33.6478, 30.9407**, and **5.4282, 4.3057, 3.3413** is the 20% darker color. If you saturate the color by 10%, you get **14.7646, 11.8799, 9.1627**, and if you desaturate by 10%, it is **18.4106, 17.2010, 16.4539**.

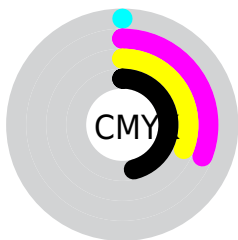
Distribution



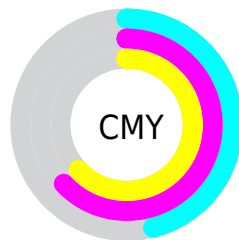
- Red (54%)
- Green (37%)
- Blue (37%)



- Red (54%)
- Yellow (37%)
- Blue (37%)



- Cyan (0%)
- Magenta (31%)
- Yellow (31%)
- Black (46%)



- Cyan (46%)
- Magenta (63%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.4291, 14.3109, 12.4861 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 16.4291, 14.3109, 12.4861 by changing the saturation by 10% instead.

■ 16.4291, 14.3109,
12.4861

■ 16.4291, 14.3109,
12.4861

225.0816,
219.1565, 218.6883

■ 9.9211, 8.3372,
6.9491

■ 36.8930, 33.6397,
31.0549

■ 5.4085, 4.3115,
3.3523

■ 51.5796, 47.7635,
44.9238

■ 2.5261, 1.8493,
1.2772

■ 69.7231, 65.3729,
62.4071

■ 0.9084, 0.5176,
0.0430

■ 91.6889, 86.8522,
83.9233

■ 0.0000, 0.0000,
0.0000

117.8422,
112.5858, 109.8910

148.5486,

142.9582, 140.7287

184.1732,
178.3536, 176.8550

■ 16.4291, 14.3109,
12.4861

■ 16.4291, 14.3109,
12.4861

■ 14.7646, 11.8799,
9.1627

■ 18.4106, 17.2010,
16.4539

■ 13.3995, 9.8825,
6.4489

■ 20.7230, 20.5700,
21.0965

■ 12.3165, 8.2937,
4.3079

■ 23.3811, 24.4390,
26.4439

■ 11.4958, 7.0855,
2.6987

■ 26.3981, 28.8271,
32.5234

■ 10.9151, 6.2260,
1.5747

■ 29.7866, 33.7526,
39.3614

■ 10.5486, 5.6782,
0.8815

■ 33.5588, 39.2327,
46.9826

■ 10.3512, 5.3877,
0.4944

■ 37.7262, 45.2841,
55.4108

■ 42.2997, 51.9226,
64.6688

■ 47.2899, 59.1634,
74.7784

Harmonies

Analogous

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



16.6864, 14.3109, 16.5149



16.4291, 14.3109, 12.4861



15.3902, 14.3109, 9.8129

Triad

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



16.4291, 14.3109, 12.4861



11.4011, 14.3109, 11.1685



13.2852, 14.3109, 25.3584

Complementary

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



16.4291, 14.3109, 12.4861



17.9354, 21.7935, 26.9282

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.



11.9582, 14.3109, 23.2592



16.4291, 14.3109, 12.4861



10.9234, 14.3109, 14.6852

Square

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



16.4291, 14.3109, 12.4861



12.4731, 14.3109, 9.1561



11.1195, 14.3109, 19.1518



14.7972, 14.3109, 24.4745

Rectangle

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



16.4291, 14.3109, 12.4861



14.4325, 14.3109, 8.9042



11.1195, 14.3109, 19.1518



12.8041, 14.3109, 24.9674

Sweetspot

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



16.4295, 14.3116, 12.4864



38.0988, 38.2752, 39.7653



18.7834, 15.1096, 25.3247



8.4149, 8.3949, 8.6568



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



16.4295, 14.3116, 12.4864



27.1481, 22.3086, 17.8190



18.6074, 18.6675, 13.2124



5.0416, 5.0661, 5.2645



9.6434, 5.0212, 0.4609



0.0651, 0.0355, 0.0034

Inverse Universe

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



17.9354, 21.7935, 26.9282



30.3064, 38.0048, 48.1215



15.2377, 16.3981, 26.0290



5.1630, 5.6690, 6.4279



12.1235, 17.5173, 24.7879



0.0820, 0.1193, 0.1652

Previews

White Background



This preview shows how the XYZ color 16.4291, 14.3109, 12.4861 looks on a white background.

Color Contrast Check

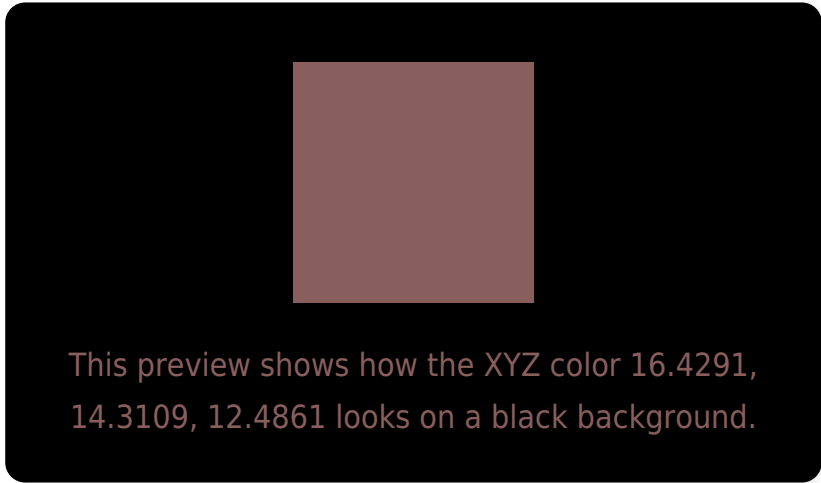
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.4291, 14.3109, 12.4861

Background



This preview shows how black text looks on a background with the XYZ color 16.4291, 14.3109, 12.4861.



This preview shows how white text looks on a background with the XYZ color 16.4291, 14.3109,

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

16.4291, 14.3109, 12.4861

Protanopia

13.7610, 14.4794, 14.1261

Deuteranopia

14.6123, 14.3580, 12.3571



Tritanopia

16.8329, 14.3483, 14.1942

Trichromacy



Original Color

16.4291, 14.3109, 12.4861

Protanomaly

14.5637, 14.3065, 13.5491

Deuteranomaly

15.1900, 14.2260, 12.3012

Tritanomaly

16.6885, 14.2905, 13.4340

Monochromacy



Original Color

16.4291, 14.3109, 12.4861

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.7197, 14.5114, 14.5955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4291, 14.3109, 12.4861 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(137, 95, 94)` looks like.

```
.text, #text, p{  
    color:rgb(137, 95, 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(137, 95, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 95, 94) }
```

Border

The CSS property to change the border of an element to XYZ 16.4291, 14.3109, 12.4861 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(137, 95, 94) }
```


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

```
.border{ border-color:rgb(137, 95, 94) }
```

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

Here you see how a box with a 4 pixel rgb(137, 95, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 95, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 95, 94);  
box-shadow:4px 4px 4px 4px rgb(137, 95,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4291, 14.3109, 12.4861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 95, 94) }
```

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

```
.background{ background-color: rgb(137, 95,  
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](#).

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