

Converting Colors

XYZ(16.0859, 14.0456, 12.5355)

Have a look what the booklet for
XYZ(16.0859, 14.0456, 12.5355)
contains.

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Color

**XYZ(16.0148, 13.9645,
12.4410)**

Conversions

Conversions Part 1

Format	Color
Hex	875E5E
RGB	135, 94, 94
RGB Percent	53%, 37%, 37%
CMY	0.4706, 0.6314, 0.6314
CMYK	0.00, 0.30, 0.30, 0.47
HSL	0°, 18%, 45%
HSV	0°, 30%, 53%
XYZ	16.0148, 13.9645, 12.4410
YIQ	106.2590, 24.4360, 8.6920

Conversions

Conversions Part 2

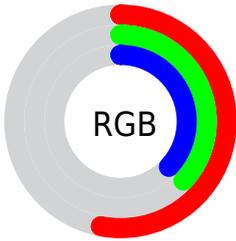
Format	Color
RYB	135, 94, 94
Decimal	8871518
CIELab	44.18, 16.76, 6.71
CIELCh	44, 18.052, 21.829
Yxy	13.9645, 0.3775, 0.3292
Android (android.graphics.Color)	4287061598 (0xFF875E5E)
YUV	106.2590, -6.0437, 25.2059
Hunter-Lab	37.3691, 11.1015, 6.4194

Details

The XYZ color **16.0148, 13.9645, 12.4410** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.6529, 21.4562, 26.1328**, and the grayscale version is **13.7824, 14.5001, 15.7907**.

A 20% lighter version of the original color is **36.1457, 33.0832, 30.8662**, and **5.2062, 4.1312, 3.3193** is the 20% darker color. If you saturate the color by 10%, you get **14.3640, 11.5491, 9.1589**, and if you desaturate by 10%, it is **17.9823, 16.8436, 16.3518**.

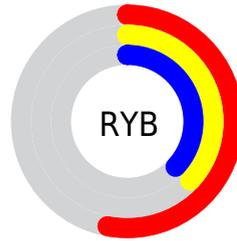
Distribution



Red (53%)

Green (37%)

Blue (37%)



Red (53%)

Yellow (37%)

Blue (37%)

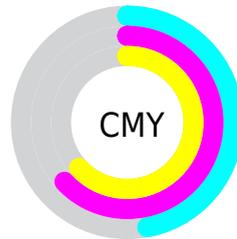


Cyan (0%)

Magenta (30%)

Yellow (30%)

Black (47%)



Cyan (47%)

Magenta (63%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0148, 13.9645, 12.4410 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 16.0148, 13.9645, 12.4410 by changing the saturation by 10% instead.

■ 16.0148, 13.9645,
12.4410

■ 16.0148, 13.9645,
12.4410

222.6977,
217.0099, 218.3839

■ 9.6255, 8.0960,
6.9186

■ 36.1811, 33.0260,
30.9721

■ 5.2117, 4.1564,
3.3336

■ 50.6889, 46.9878,
44.8179

■ 2.4081, 1.7614,
1.2674

■ 68.6336, 64.4162,
62.2752

■ 0.8491, 0.4630,
0.0348

■ 90.3805, 85.6954,
83.7626

■ 0.0000, 0.0000,
0.0000

116.2950,
111.2101, 109.6987

146.7425,

141.3444, 140.5019

182.0883,
176.4829, 176.5907

■ 16.0148, 13.9645,
12.4410

■ 16.0148, 13.9645,
12.4410

■ 14.3640, 11.5491,
9.1589

■ 17.9823, 16.8436,
16.3518

■ 13.0124, 9.5712,
6.4719

■ 20.2806, 20.2066,
20.9208

■ 11.9422, 8.0052,
4.3446

■ 22.9243, 24.0751,
26.1765

■ 11.1338, 6.8222,
2.7375

■ 25.9270, 28.4688,
32.1458

■ 10.5646, 5.9893,
1.6061

■ 29.3012, 33.4063,
38.8540

 10.2084, 5.4681,
0.8982

 33.0592, 38.9052,
46.3249

 9.9918, 5.1511,
0.4676

 37.2125, 44.9825,
54.5817

 41.7721, 51.6544,
63.6464

 46.7486, 58.9363,
73.5399

Harmonies

Analogous

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



16.2089, 13.9645, 16.3610



16.0148, 13.9645, 12.4410



15.0600, 13.9645, 9.7806

Triad

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



16.0148, 13.9645, 12.4410



11.2115, 13.9645, 10.8090



12.8829, 13.9645, 24.4904

Complementary

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



16.0148, 13.9645, 12.4410



17.6529, 21.4562, 26.1328

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.



11.6330, 13.9645, 22.3359



16.0148, 13.9645, 12.4410



10.7147, 13.9645, 14.1047

Square

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



16.0148, 13.9645, 12.4410



12.2690, 13.9645, 8.9640



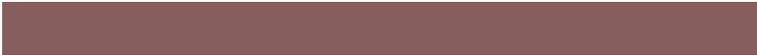
10.8632, 13.9645, 18.3507



14.3300, 13.9645, 23.8253

Rectangle

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



16.0148, 13.9645, 12.4410



14.1559, 13.9645, 8.8427



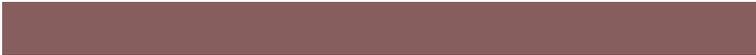
10.8632, 13.9645, 18.3507



12.4273, 13.9645, 24.0598

Sweetspot

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



16.0152, 13.9652, 12.4413



36.8393, 36.9481, 38.5003



18.3677, 14.9057, 24.8308



8.3983, 8.3617, 8.6513



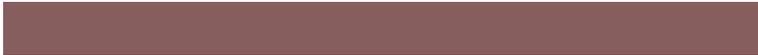
65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



16.0152, 13.9652, 12.4413



26.7138, 22.1318, 18.3712



18.0861, 18.1069, 13.1316



4.6726, 4.6888, 4.8881



9.2137, 4.7500, 0.4312



0.0319, 0.0165, 0.0015

Inverse Universe

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



17.6529, 21.4562, 26.1328



30.1058, 37.6466, 46.7281



15.0633, 16.2768, 25.2696



4.8016, 5.2788, 5.9666



12.0206, 17.5890, 23.8982



0.0416, 0.0609, 0.0828

Previews

White Background



This preview shows how the XYZ color 16.0148, 13.9645, 12.4410 looks on a white background.

Color Contrast Check

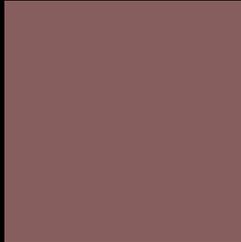
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.0148, 13.9645, 12.4410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

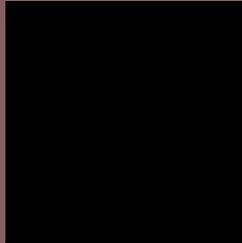
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.0148, 13.9645, 12.4410

Background



This preview shows how black text looks on a background with the XYZ color 16.0148, 13.9645, 12.4410.



This preview shows how white text looks on a background with the XYZ color 16.0148, 13.9645,

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

16.0148, 13.9645, 12.4410

Protanopia

13.4349, 14.0089, 14.0525

Deuteranopia

14.2372, 14.0196, 12.3116



Tritanopia

16.3679, 13.9830, 13.8929

Trichromacy



Original Color

16.0148, 13.9645, 12.4410

Protanomaly

14.2330, 13.8477, 13.4780

Deuteranomaly

14.8009, 13.8857, 12.2560

Tritanomaly

16.2723, 13.9448, 13.3892

Monochromacy



Original Color

16.0148, 13.9645, 12.4410

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.4858, 14.2440, 14.5562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0148, 13.9645, 12.4410 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(135, 94, 94)` looks like.

```
.text, #text, p{  
    color:rgb(135, 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(135, 94, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 94, 94) }
```

Border

The CSS property to change the border of an element to XYZ 16.0148, 13.9645, 12.4410 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(135, 94, 94) }
```


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

```
.border{ border-color:rgb(135, 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(135, 94, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 94, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 94, 94);  
box-shadow:4px 4px 4px 4px rgb(135, 94,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0148, 13.9645, 12.4410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 94, 94) }
```

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

```
.background{ background-color: rgb(135, 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](#).

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