

Converting Colors

XYZ(16.9368, 13.9238, 13.7315)

Have a look what the booklet for
XYZ(16.9368, 13.9238, 13.7315)
contains.

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Color

**XYZ(16.9409, 13.8951,
13.8457)**

Conversions

Conversions Part 1

Format	Color
Hex	8D5A64
RGB	141, 90, 100
RGB Percent	55%, 35%, 39%
CMY	0.4471, 0.6470, 0.6078
CMYK	0.00, 0.36, 0.29, 0.45
HSL	348°, 22%, 45%
HSV	348°, 36%, 55%
XYZ	16.9409, 13.8951, 13.8457
YIQ	106.3890, 27.1860, 13.9220

Conversions

Conversions Part 2

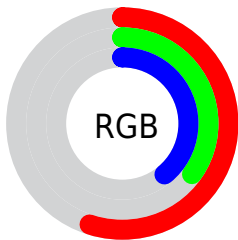
Format	Color
RYB	141, 90, 100
Decimal	9263716
CIELab	44.08, 22.41, 3.02
CIElCh	44, 22.614, 7.666
Yxy	13.8951, 0.3791, 0.3110
Android (android.graphics.Color)	4287453796 (0xFF8D5A64)
YUV	106.3890, -3.1498, 30.3538
Hunter-Lab	37.2761, 15.8897, 4.0708

Details

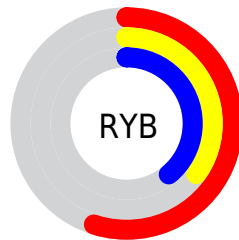
The XYZ color **16.9409, 13.8951, 13.8457** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.8386, 22.8624, 24.9466**, and the grayscale version is **13.8098, 14.5290, 15.8221**.

A 20% lighter version of the original color is **37.8757, 33.0199, 33.6554**, and **5.6496, 4.1179, 3.9871** is the 20% darker color. If you saturate the color by 10%, you get **15.3515, 11.5340, 10.7947**, and if you desaturate by 10%, it is **18.8331, 16.7393, 17.3747**.

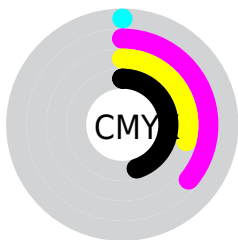
Distribution



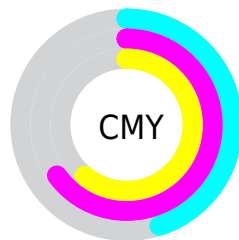
- Red (55%)
- Green (35%)
- Blue (39%)



- Red (55%)
- Yellow (35%)
- Blue (39%)



- Cyan (0%)
- Magenta (36%)
- Yellow (29%)
- Black (45%)





- Cyan (45%)
- Magenta (65%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9409, 13.8951, 13.8457 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 16.9409, 13.8951, 13.8457 by changing the saturation by 10% instead.


 16.9409, 13.8951,
13.8457


 16.9409, 13.8951,
13.8457


227.9945,
216.5773, 227.6638


 10.2874, 8.0477,
7.8759


 37.7685, 32.9028,
33.5282


 5.6537, 4.1255,
3.9290

 52.6734, 46.8319,
48.0779


 2.6743, 1.7440,
1.5865

 71.0594, 64.2237,
66.3247

 0.9840, 0.4519,
0.2811

 93.2920, 85.4626,
88.6872

 0.0000, 0.0000,
0.0000

 119.7364,
110.9331, 115.5837

150.7580,

141.0194, 147.4330

186.7223,
176.1060, 184.6535

■ 16.9409, 13.8951,
13.8457

■ 16.9409, 13.8951,
13.8457

■ 15.3515, 11.5340,
10.7947

■ 18.8331, 16.7393,
17.3747

■ 14.0477, 9.6271,
8.2000

■ 21.0416, 20.0895,
21.4002

■ 13.0126, 8.1457,
6.0396

■ 23.5807, 23.9692,
25.9410

■ 12.2267, 7.0568,
4.2891

■ 26.4632, 28.4001,
31.0145

■ 11.6680, 6.3225,
2.9219

■ 29.7014, 33.4027,
36.6373

■ 11.3037, 5.8842,
1.9054

■ 33.3069, 38.9964,
42.8253

■ 11.1899, 5.7449,
1.5953

■ 37.2908, 45.1995,
49.5937

■ 41.6638, 52.0298,
56.9573

■ 46.4361, 59.5042,
64.9301

Harmonies

Analogous

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



16.6725, 13.8951, 19.2155



16.9409, 13.8951, 13.8457



16.1391, 13.8951, 9.8466

Triad

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



16.9409, 13.8951, 13.8457



11.2036, 13.8951, 8.5635



11.9354, 13.8951, 26.2696

Complementary

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



16.9409, 13.8951, 13.8457



17.8386, 22.8624, 24.9466

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.



10.6532, 13.8951, 22.0275



16.9409, 13.8951, 13.8457



10.2582, 13.8951, 11.6680

Square

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



16.9409, 13.8951, 13.8457



12.7507, 13.8951, 7.2810



10.0663, 13.8951, 16.4901



13.6738, 13.8951, 27.2267

Rectangle

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



16.9409, 13.8951, 13.8457



15.1450, 13.8951, 8.2067



10.0663, 13.8951, 16.4901



11.4416, 13.8951, 25.1405

Sweetspot

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



16.9413, 13.8958, 13.8460



39.8492, 39.2826, 42.2175



17.7935, 14.0454, 26.9726



8.7834, 8.5951, 9.2198



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



16.9413, 13.8958, 13.8460



28.0856, 21.5326, 20.4861



17.9126, 16.5659, 11.9271



5.4494, 5.4403, 5.8647



10.2079, 5.2402, 1.4799



0.1040, 0.0527, 0.0477

Inverse Universe

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



16.9413, 13.8958, 13.8460



28.0856, 21.5326, 20.4861



16.4472, 18.9423, 27.9888



5.4494, 5.4403, 5.8647



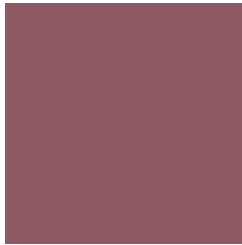
10.2079, 5.2402, 1.4799



0.1040, 0.0527, 0.0477

Previews

White Background



This preview shows how the XYZ color 16.9409, 13.8951, 13.8457 looks on a white background.

Color Contrast Check

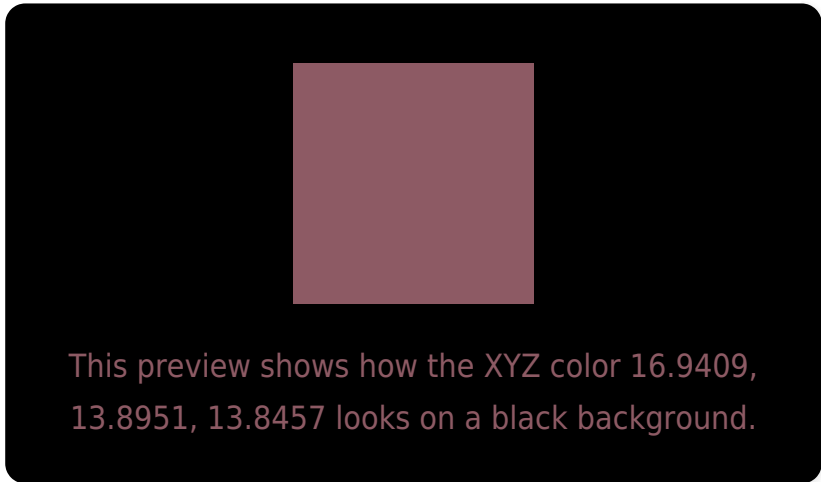
Large Text (above 18pt) WCAG AA ✓ Pass

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

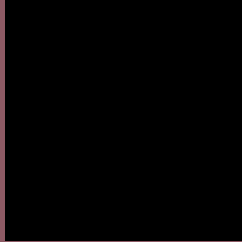
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.9409, 13.8951, 13.8457

Background



This preview shows how black text looks on a background with the XYZ color 16.9409, 13.8951, 13.8457.



This preview shows how white text looks on a background with the XYZ color 16.9409, 13.8951,

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

16.9409, 13.8951, 13.8457

Protanopia

13.4828, 13.9866, 16.1764

Deuteranopia

14.1944, 13.9711, 13.5038



Tritanopia

16.7983, 13.8381, 13.0949

Trichromacy



Original Color

16.9409, 13.8951, 13.8457

Protanomaly

14.4829, 13.7952, 15.2640

Deuteranomaly

15.1310, 13.8859, 13.6871

Tritanomaly

16.8453, 13.8569, 13.3421

Monochromacy



Original Color

16.9409, 13.8951, 13.8457

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.6636, 14.0358, 15.0330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9409, 13.8951, 13.8457 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(141, 90, 100)` looks like.

```
.text, #text, p{  
    color:rgb(141, 90, 100)  
}
```

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(141, 90, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 90, 100) }
```

Border

The CSS property to change the border of an element to XYZ 16.9409, 13.8951, 13.8457 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(141, 90, 100) }
```


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

```
.border{ border-color:rgb(141, 90, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 90, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 90, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 90, 100);  
box-shadow:4px 4px 4px 4px rgb(141, 90,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9409, 13.8951, 13.8457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 90, 100) }
```

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

```
.background{ background-color: rgb(141, 90,  
100) }
```

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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