

Converting Colors

XYZ(13.6916, 10.5304, 8.7081)

Have a look what the booklet for
XYZ(13.6916, 10.5304, 8.7081)
contains.

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Color

**XYZ(13.6916, 10.5304,
8.7081)**

Conversions

Conversions Part 1

Format	Color
Hex	864A4F
RGB	134, 74, 79
RGB Percent	53%, 29%, 31%
CMY	0.4745, 0.7098, 0.6902
CMYK	0.00, 0.45, 0.41, 0.47
HSL	355°, 29%, 41%
HSV	355°, 45%, 53%
XYZ	13.6916, 10.5304, 8.7081
YIQ	92.5100, 34.1550, 14.2750

Conversions

Conversions Part 2

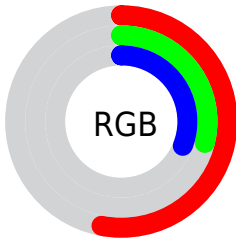
Format	Color
R_{YB}	134, 74, 79
Decimal	8800847
CIE _{Lab}	38.78, 25.99, 8.28
CIE _{LCh}	39, 27.279, 17.661
Yxy	10.5304, 0.4158, 0.3198
Android (android.graphics.Color)	4286990927 (0xFF864A4F)
YUV	92.5100, -6.6604, 36.3867
Hunter-Lab	32.4506, 18.5245, 6.8050

Details

The XYZ color **13.6916, 10.5304, 8.7081** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.3121, 20.0913, 23.8410**, and the grayscale version is **10.3002, 10.8366, 11.8011**.

A 20% lighter version of the original color is **32.0902, 26.7926, 23.9022**, and **4.0886, 2.6545, 1.8870** is the 20% darker color. If you saturate the color by 10%, you get **12.4838, 8.7655, 6.2997**, and if you desaturate by 10%, it is **15.1732, 12.7106, 11.6157**.

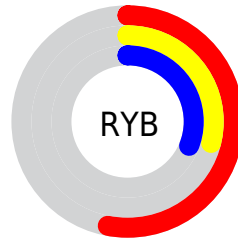
Distribution



Red (53%)

Green (29%)

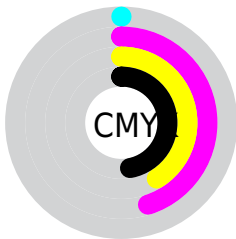
Blue (31%)



Red (53%)

Yellow (29%)

Blue (31%)

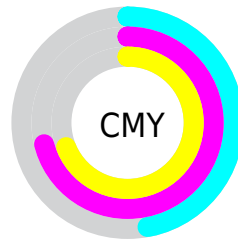


Cyan (0%)

Magenta (45%)

Yellow (41%)

Black (47%)



Cyan (47%)


Magenta (71%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.6916, 10.5304, 8.7081 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 13.6916, 10.5304, 8.7081 by changing the saturation by 10% instead.


 13.6916, 10.5304,
8.7081

 13.6916, 10.5304,
8.7081


208.8530,
194.4168, 191.3223


 7.9867, 5.7520,
4.4571


 32.1317, 26.7885,
23.9040


 4.1382, 2.6949,
1.8793

 45.5976, 39.0369,
35.6860


 1.7806, 0.9746,
0.4795

 62.3812, 54.5442,
50.8154

 0.5059, 0.0000,
0.0000

 82.8480, 73.6947,
69.7108

 0.0000, 0.0000,
0.0000

 107.3632, 96.8729,
92.7906

136.2922,

124.4630, 120.4734

170.0003,
156.8495, 153.1778

■ 13.6916, 10.5304,
8.7081

■ 13.6916, 10.5304,
8.7081

■ 12.4838, 8.7655,
6.2997

■ 15.1732, 12.7106,
11.6157

■ 11.5323, 7.3881,
4.3618

■ 16.9430, 15.3284,
15.0478

■ 10.8186, 6.3694,
2.8637


■ 19.0157, 18.4065,
19.0287


■ 10.3215, 5.6761,
1.7709

■ 21.4044, 21.9656,
23.5809


■ 10.0133, 5.2627,
1.0425


■ 24.1217, 26.0251,
28.7258

 9.8929, 5.0929,
0.7831

 27.1793, 30.6032,
34.4837

 30.5885, 35.7174,
40.8738

 34.3599, 41.3843,
47.9145

 38.5038, 47.6196,
55.6235

Harmonies

Analogous

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



13.7946, 10.5304, 13.7226



13.6916, 10.5304, 8.7081



12.5318, 10.5304, 5.5784

Triad

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



13.6916, 10.5304, 8.7081



7.6574, 10.5304, 5.9917



9.2857, 10.5304, 24.1674

Complementary

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



13.6916, 10.5304, 8.7081



15.3121, 20.0913, 23.8410

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.



7.8495, 10.5304, 20.4889



13.6916, 10.5304, 8.7081



6.9880, 10.5304, 9.4711

Square

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



13.6916, 10.5304, 8.7081



8.9928, 10.5304, 4.3654



7.0538, 10.5304, 14.7518



11.0986, 10.5304, 23.7770

Rectangle

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



13.6916, 10.5304, 8.7081



11.3861, 10.5304, 4.5128



7.0538, 10.5304, 14.7518



8.7474, 10.5304, 23.3288

Sweetspot

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



13.6919, 10.5309, 8.7083



34.0939, 33.3086, 34.6548



15.8054, 11.2865, 23.8998



7.5093, 7.2485, 7.4790



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



13.6919, 10.5309, 8.7083



21.9170, 15.3301, 10.9417



15.5297, 14.4869, 8.4570



4.6872, 4.6945, 4.9649



9.2730, 4.7736, 0.7442



0.0331, 0.0169, 0.0076

Inverse Universe

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



13.6919, 10.5309, 8.7083



21.9170, 15.3301, 10.9417



12.5962, 14.1149, 24.6149



4.6872, 4.6945, 4.9649



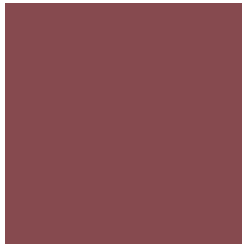
9.2730, 4.7736, 0.7442



0.0331, 0.0169, 0.0076

Previews

White Background



This preview shows how the XYZ color 13.6916, 10.5304, 8.7081 looks on a white background.

Color Contrast Check

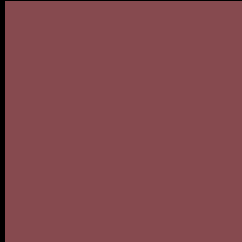
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.6916, 10.5304, 8.7081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

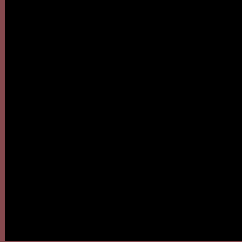
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.6916, 10.5304, 8.7081

Background



This preview shows how black text looks on a background with the XYZ color 13.6916, 10.5304, 8.7081.



This preview shows how white text looks on a background with the XYZ color 13.6916, 10.5304,

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

13.6916, 10.5304, 8.7081

Protanopia

10.1186, 10.5664, 10.7387

Deuteranopia

10.7731, 10.5794, 8.4954



Tritanopia

13.6916, 10.5304, 8.7081

Trichromacy



Original Color

13.6916, 10.5304, 8.7081

Protanomaly

11.1949, 10.4041, 10.0125

Deuteranomaly

11.6709, 10.4496, 8.6096

Tritanomaly

13.6916, 10.5304, 8.7081

Monochromacy



Original Color

13.6916, 10.5304, 8.7081

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

11.2736, 10.5483, 10.6744

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.6916, 10.5304, 8.7081 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(134, 74, 79)` looks like.

```
.text, #text, p{  
    color:rgb(134, 74, 79)  
}
```

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(134, 74, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 74, 79) }
```

Border

The CSS property to change the border of an element to XYZ 13.6916, 10.5304, 8.7081 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(134, 74, 79) }
```


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

```
.border{ border-color:rgb(134, 74, 79) }
```

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

Here you see how a box with a 4 pixel rgb(134, 74, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 74, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 74, 79);  
box-shadow:4px 4px 4px 4px rgb(134, 74,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 13.6916, 10.5304, 8.7081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 74, 79) }
```

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

```
.background{ background-color: rgb(134, 74,  
79) }
```

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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