

Converting Colors

XYZ(13.8700, 10.8030, 12.0284)

Have a look what the booklet for
XYZ(13.8700, 10.8030, 12.0284)
contains.

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Color

**XYZ(13.8802, 10.8617,
11.9546)**

Conversions

Conversions Part 1

Format	Color
Hex	824D5E
RGB	130, 77, 94
RGB Percent	51%, 30%, 37%
CMY	0.4902, 0.6980, 0.6314
CMYK	0.00, 0.41, 0.28, 0.49
HSL	341°, 26%, 41%
HSV	341°, 41%, 51%
XYZ	13.8802, 10.8617, 11.9546
YIQ	94.7850, 26.1310, 16.5230

Conversions

Conversions Part 2

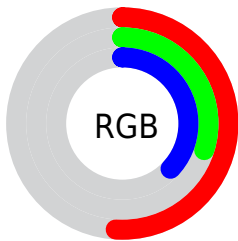
Format	Color
R_{YB}	130, 77, 94
Decimal	8539486
CIE Lab	39.35, 24.74, -0.34
CIE LCh	39, 24.743, 359.205
Yxy	10.8617, 0.3782, 0.2960
Android (android.graphics.Color)	4286729566 (0xFF824D5E)
YUV	94.7850, -0.3870, 30.8836
Hunter-Lab	32.9571, 17.5021, 1.5636

Details

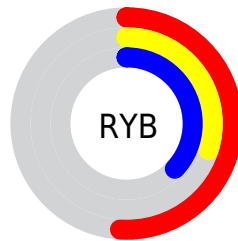
The XYZ color **13.8802, 10.8617, 11.9546** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.0243, 18.7357, 18.5009**, and the grayscale version is **10.8226, 11.3862, 12.3996**.

A 20% lighter version of the original color is **32.3906, 27.3827, 29.9638**, and **4.2479, 2.8556, 3.1236** is the 20% darker color. If you saturate the color by 10%, you get **12.6860, 9.0716, 9.7121**, and if you desaturate by 10%, it is **15.3022, 13.0346, 14.4970**.

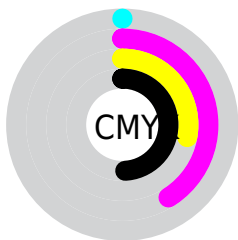
Distribution



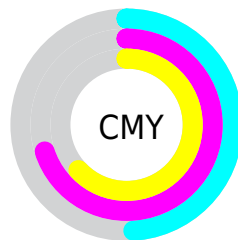
- Red (51%)
- Green (30%)
- Blue (37%)



- Red (51%)
- Yellow (30%)
- Blue (37%)



- Cyan (0%)
- Magenta (41%)
- Yellow (28%)
- Black (49%)



- Cyan (49%)
- Magenta (70%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.8802, 10.8617, 11.9546 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 13.8802, 10.8617, 11.9546 by changing the saturation by 10% instead.

■ 13.8802, 10.8617,
11.9546

■ 13.8802, 10.8617,
11.9546

210.0098,
196.7163, 215.0717

■ 8.1185, 5.9739,
6.5906

■ 32.4644, 27.4041,
30.0756

■ 4.2233, 2.8292,
3.1329

■ 46.0176, 39.8276,
43.6696

■ 1.8292, 1.0432,
1.1629

■ 62.8986, 55.5317,
60.8441

■ 0.5352, 0.0000,
0.0000

■ 83.4730, 74.9009,
82.0175

■ 0.0000, 0.0000,
0.0000

■ 108.1059, 98.3196,
107.6084

137.1628,

126.1721, 138.0354

171.0090,
158.8428, 173.7170

■ 13.8802, 10.8617,
11.9546

■ 13.8802, 10.8617,
11.9546

■ 12.6860, 9.0716,
9.7121

■ 15.3022, 13.0346,
14.4970

■ 11.7063, 7.6403,
7.7572

■ 16.9624, 15.6093,
17.3496

■ 10.9277, 6.5437,
6.0776

■ 18.8719, 18.6055,
20.5230

■ 10.3348, 5.7537,
4.6598

■ 21.0407, 22.0409,
24.0270

■ 9.9099, 5.2379,
3.4890

■ 23.4781, 25.9323,
27.8712

■ 9.6185, 4.9109,
2.6028

■ 26.1932, 30.2958,
32.0646

■ 29.1944, 35.1465,
36.6158

■ 32.4899, 40.4988,
41.5332

■ 36.0876, 46.3667,
46.8250

Harmonies

Analogous

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



13.3361, 10.8617, 17.1892



13.8802, 10.8617, 11.9546



13.3891, 10.8617, 7.8817

Triad

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



13.8802, 10.8617, 11.9546



8.8343, 10.8617, 5.4768



8.7650, 10.8617, 21.6197

Complementary

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



13.8802, 10.8617, 11.9546



14.0243, 18.7357, 18.5009

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.



7.7661, 10.8617, 16.9072



13.8802, 10.8617, 11.9546



7.8030, 10.8617, 7.7143

Square

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



13.8802, 10.8617, 11.9546



10.3683, 10.8617, 4.8067



7.4334, 10.8617, 11.6994



10.2792, 10.8617, 23.6161

Rectangle

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



13.8802, 10.8617, 11.9546



12.5678, 10.8617, 6.1397



7.4334, 10.8617, 11.6994



8.3640, 10.8617, 20.2476

Sweetspot

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



13.8805, 10.8622, 11.9548



32.6999, 31.9228, 35.2645



13.4082, 10.3867, 22.4174



7.3205, 7.0982, 7.8486



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.



13.8805, 10.8622, 11.9548



22.4672, 16.1629, 17.3472



13.8604, 11.9112, 8.5903



4.3802, 4.3652, 4.8067



9.2254, 4.7099, 2.5108



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.8805, 10.8622, 11.9548



22.4672, 16.1629, 17.3472



13.9479, 16.9052, 23.6472



4.3802, 4.3652, 4.8067



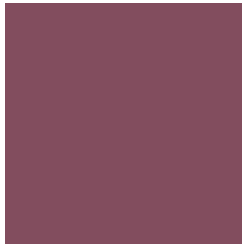
9.2254, 4.7099, 2.5108



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.8802, 10.8617, 11.9546 looks on a white background.

Color Contrast Check

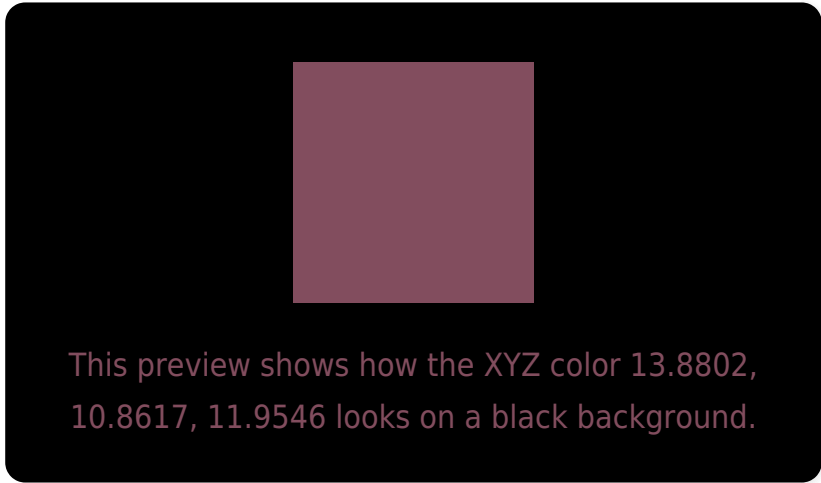
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.8802, 10.8617, 11.9546

Background



This preview shows how black text looks on a background with the XYZ color 13.8802, 10.8617, 11.9546.



This preview shows how white text looks on a background with the XYZ color 13.8802, 10.8617,

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

13.8802, 10.8617, 11.9546

Protanopia

10.6890, 10.9089, 14.3742

Deuteranopia

11.1814, 10.9686, 11.6530



Tritanopia

13.4889, 10.9150, 9.9902

Trichromacy



Original Color

13.8802, 10.8617, 11.9546

Protanomaly

11.6523, 10.8007, 13.5272

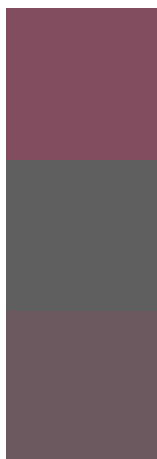
Deuteranomaly

12.0343, 10.7980, 11.8059

Tritanomaly

13.5391, 10.8205, 10.6075

Monochromacy



Original Color

13.8802, 10.8617, 11.9546

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

11.7396, 10.9938, 12.3297

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.8802, 10.8617, 11.9546 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(130, 77, 94)` looks like.

```
.text, #text, p{  
    color:rgb(130, 77, 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(130, 77, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 77, 94) }
```

Border

The CSS property to change the border of an element to XYZ 13.8802, 10.8617, 11.9546 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(130, 77, 94) }
```


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

```
.border{ border-color:rgb(130, 77, 94) }
```

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

Here you see how a box with a 4 pixel rgb(130, 77, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 77, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 77, 94);  
box-shadow:4px 4px 4px 4px rgb(130, 77,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 13.8802, 10.8617, 11.9546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 77, 94) }
```

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

```
.background{ background-color: rgb(130, 77,  
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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