

Converting Colors

XYZ(16.1085, 13.8590, 13.3790)

Have a look what the booklet for
XYZ(16.1085, 13.8590, 13.3790)
contains.

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Color

**XYZ(16.1106, 13.8614,
13.3817)**

Conversions

Conversions Part 1

Format	Color
Hex	875D62
RGB	135, 93, 98
RGB Percent	53%, 36%, 38%
CMY	0.4706, 0.6353, 0.6157
CMYK	0.00, 0.31, 0.27, 0.47
HSL	353°, 18%, 45%
HSV	353°, 31%, 53%
XYZ	16.1106, 13.8614, 13.3817
YIQ	106.1280, 23.4270, 10.4590

Conversions

Conversions Part 2

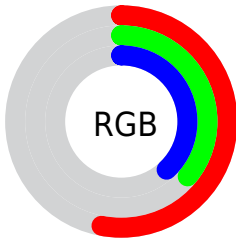
Format	Color
R_{YB}	135, 93, 98
Decimal	8871266
CIE _{Lab}	44.03, 17.95, 4.07
CIE _{LCh}	44, 18.402, 12.775
Yxy	13.8614, 0.3716, 0.3197
Android (android.graphics.Color)	4287061346 (0xFF875D62)
YUV	106.1280, -4.0071, 25.3207
Hunter-Lab	37.2309, 12.0867, 4.7513

Details

The XYZ color **16.1106, 13.8614, 13.3817** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.2080, 21.2671, 24.3180**, and the grayscale version is **13.7411, 14.4567, 15.7434**.

A 20% lighter version of the original color is **36.3843, 32.9353, 32.8732**, and **5.2530, 4.0867, 3.7608** is the 20% darker color. If you saturate the color by 10%, you get **14.5082, 11.4894, 10.2798**, and if you desaturate by 10%, it is **18.0065, 16.6865, 16.9935**.

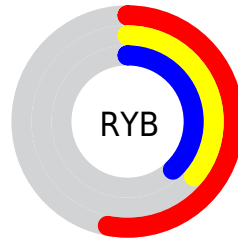
Distribution



Red (53%)

Green (36%)

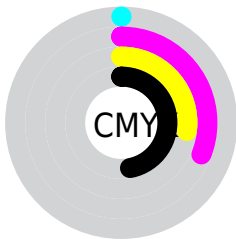
Blue (38%)



Red (53%)

Yellow (36%)

Blue (38%)

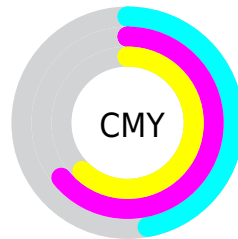


Cyan (0%)

Magenta (31%)

Yellow (27%)

Black (47%)



Cyan (47%)

Magenta (64%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.1106, 13.8614, 13.3817 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 16.1106, 13.8614, 13.3817 by changing the saturation by 10% instead.

■ 16.1106, 13.8614,
13.3817

■ 16.1106, 13.8614,
13.3817

223.2510,
216.3669, 224.6427

■ 9.6938, 8.0243,
7.5581

■ 36.3460, 32.8429,
32.6890

■ 5.2571, 4.1105,
3.7298

■ 50.8953, 46.7561,
47.0098

■ 2.4352, 1.7356,
1.4783

■ 68.8862, 64.1302,
65.0001

■ 0.8627, 0.4465,
0.2017

■ 90.6839, 85.3495,
87.0784

■ 0.0000, 0.0000,
0.0000

116.6539,
110.7984, 113.6633

147.1615,

140.8613, 145.1733

182.5721,
175.9227, 182.0269

■ 16.1106, 13.8614,
13.3817

■ 16.1106, 13.8614,
13.3817

■ 14.5082, 11.4894,
10.2798

■ 18.0065, 16.6865,
16.9935

■ 13.1833, 9.5450,
7.6639

■ 20.2083, 19.9845,
21.1358

■ 12.1206, 8.0034,
5.5096


■ 22.7292, 23.7765,
25.8293


■ 11.3023, 6.8361,
3.7899

■ 25.5812, 28.0815,
31.0931


■ 10.7087, 6.0113,
2.4750


■ 28.7758, 32.9178,
36.9456


 10.3169, 5.4914,
1.5314

 32.3239, 38.3025,
43.4041

 10.0857, 5.1885,
0.9627

 36.2358, 44.2522,
50.4855

 40.5214, 50.7827,
58.2058

 45.1905, 57.9091,
66.5805

Harmonies

Analogous

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



16.0461, 13.8614, 17.6042



16.1106, 13.8614, 13.3817



15.3476, 13.8614, 10.2593

Triad

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



16.1106, 13.8614, 13.3817



11.3567, 13.8614, 9.9214



12.3599, 13.8614, 24.1613

Complementary

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



16.1106, 13.8614, 13.3817



17.2080, 21.2671, 24.3180

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.



11.2175, 13.8614, 21.2463



16.1106, 13.8614, 13.3817



10.6683, 13.8614, 12.8322

Square

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



16.1106, 13.8614, 13.3817



12.5630, 13.8614, 8.5246



10.6193, 13.8614, 16.9437



13.8062, 13.8614, 24.3833

Rectangle

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



16.1106, 13.8614, 13.3817



14.5030, 13.8614, 9.0065



10.6193, 13.8614, 16.9437



11.9303, 13.8614, 23.4422

Sweetspot

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



16.1110, 13.8621, 13.3820



37.0053, 37.0142, 39.3760



17.4021, 14.2771, 24.7603



8.4414, 8.3789, 8.8787



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.



16.1110, 13.8621, 13.3820



26.8666, 21.8823, 20.1333



17.3727, 16.7514, 12.6744



4.6935, 4.6971, 4.9981



9.3032, 4.7856, 0.9033



0.0336, 0.0171, 0.0102

Inverse Universe

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



16.1110, 13.8621, 13.3820



26.8666, 21.8823, 20.1333



15.5563, 17.4138, 25.4630



4.6935, 4.6971, 4.9981



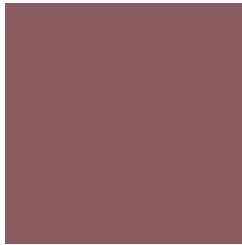
9.3032, 4.7856, 0.9033



0.0336, 0.0171, 0.0102

Previews

White Background



This preview shows how the XYZ color 16.1106, 13.8614, 13.3817 looks on a white background.

Color Contrast Check

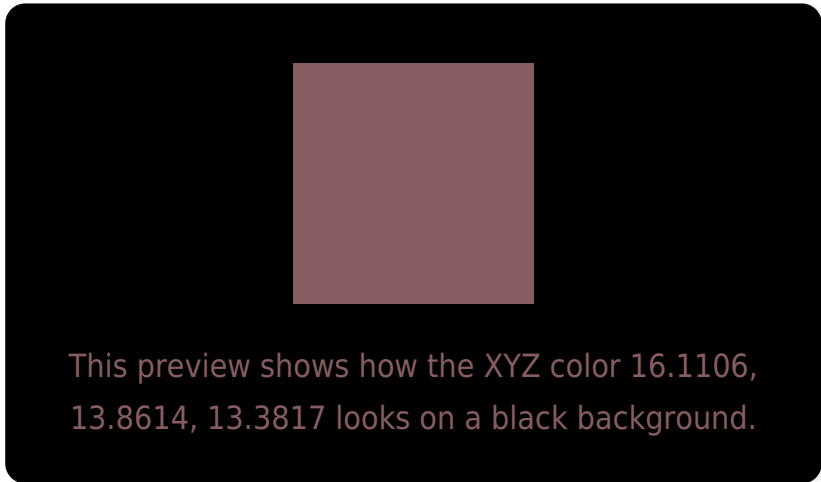
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.1106, 13.8614, 13.3817

Background



This preview shows how black text looks on a background with the XYZ color 16.1106, 13.8614, 13.3817.



This preview shows how white text looks on a background with the XYZ color 16.1106, 13.8614,

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

16.1106, 13.8614, 13.3817

Protanopia

13.3929, 13.9643, 15.0862

Deuteranopia

14.1475, 13.9523, 13.2567



Tritanopia

16.2063, 13.8997, 13.8853

Trichromacy



Original Color

16.1106, 13.8614, 13.3817

Protanomaly

14.2916, 13.8556, 14.4915

Deuteranomaly

14.8375, 13.8835, 13.2070

Tritanomaly

16.1582, 13.8805, 13.6319

Monochromacy



Original Color

16.1106, 13.8614, 13.3817

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.4380, 14.0685, 14.7865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.1106, 13.8614, 13.3817 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, 93, 98)` looks like.

```
.text, #text, p{  
    color:rgb(135, 93, 98)  
}
```

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, 93, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 93, 98) }
```

Border

The CSS property to change the border of an element to XYZ 16.1106, 13.8614, 13.3817 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, 93, 98) }
```


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

```
.border{ border-color:rgb(135, 93, 98) }
```

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

Here you see how a box with a 4 pixel rgb(135, 93, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 93, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 93, 98);  
box-shadow:4px 4px 4px 4px rgb(135, 93,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 16.1106, 13.8614, 13.3817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 93, 98) }
```

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

```
.background{ background-color: rgb(135, 93,  
98) }
```

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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