

Converting Colors

XYZ(16.4872, 13.6763, 16.2824)

Have a look what the booklet for
XYZ(16.4872, 13.6763, 16.2824)
contains.

XYZ(16.4931, 13.7372, 16.2503)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(16.4931, 13.7372,
16.2503)**

Conversions

Conversions Part 1

Format	Color
Hex	875B6D
RGB	135, 91, 109
RGB Percent	53%, 36%, 43%
CMY	0.4706, 0.6431, 0.5725
CMYK	0.00, 0.33, 0.19, 0.47
HSL	335°, 19%, 44%
HSV	335°, 33%, 53%
XYZ	16.4931, 13.7372, 16.2503
YIQ	106.2080, 20.4460, 14.9260

Conversions

Conversions Part 2

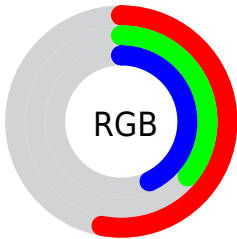
Format	Color
R_{YB}	135, 91, 109
Decimal	8870765
CIE _{Lab}	43.85, 20.89, -2.89
CIE _{LCh}	44, 21.094, 352.121
Yxy	13.7372, 0.3548, 0.2955
Android (android.graphics.Color)	4287060845 (0xFF875B6D)
YUV	106.2080, 1.3765, 25.2506
Hunter-Lab	37.0637, 14.5697, -0.0506

Details

The XYZ color **16.4931, 13.7372, 16.2503** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.1898, 20.8368, 19.9992**, and the grayscale version is **13.7494, 14.4654, 15.7529**.

A 20% lighter version of the original color is **37.0044, 32.7029, 37.6196**, and **5.4263, 4.0340, 5.0501** is the 20% darker color. If you saturate the color by 10%, you get **15.0311, 11.4694, 13.7394**, and if you desaturate by 10%, it is **18.2025, 16.4371, 19.0363**.

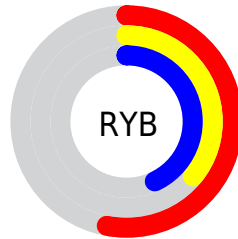
Distribution



Red (53%)

Green (36%)

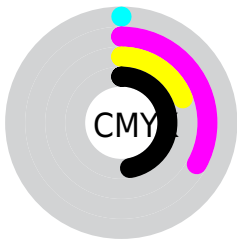
Blue (43%)



Red (53%)

Yellow (36%)

Blue (43%)

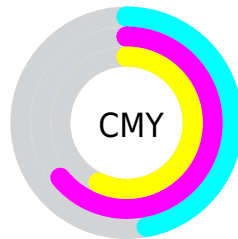


Cyan (0%)

Magenta (33%)

Yellow (19%)

Black (47%)



Cyan (47%)

Magenta (64%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.4931, 13.7372, 16.2503 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 16.4931, 13.7372, 16.2503 by changing the saturation by 10% instead.

■ 16.4931, 13.7372,
16.2503

■ 16.4931, 13.7372,
16.2503

225.4477,
215.5898, 242.7101

■ 9.9668, 7.9381,
9.5452

■ 37.0027, 32.6220,
37.8050

■ 5.4391, 4.0554,
4.9968

■ 51.7168, 46.4765,
53.4917

■ 2.5445, 1.7046,
2.1867

■ 69.8908, 63.7849,
73.0093

■ 0.9177, 0.4266,
0.6667

■ 91.8901, 84.9317,
96.7763

■ 0.0000, 0.0000,
0.0000

118.0801,
110.3011, 125.2114

148.8261,

140.2777, 158.7331

184.4936,
175.2458, 197.7598

■ 16.4931, 13.7372,
16.2503

■ 16.4931, 13.7372,
16.2503

■ 15.0311, 11.4694,
13.7394

■ 18.2025, 16.4371,
19.0363

■ 13.8031, 9.6092,
11.4937

■ 20.1695, 19.5882,
22.1052

■ 12.7964, 8.1324,
9.5037

■ 22.4049, 23.2108,
25.4657

■ 11.9962, 7.0114,
7.7589

■ 24.9189, 27.3233,
29.1255

■ 11.3859, 6.2150,
6.2480

■ 27.7207, 31.9432,
33.0922

■ 10.9463, 5.7065,
4.9584

■ 30.8195, 37.0872,
37.3731

■ 10.6867, 5.4289,
4.1272

■ 34.2237, 42.7710,
41.9752

■ 37.9417, 49.0098,
46.9054

■ 41.9814, 55.8182,
52.1702

Harmonies

Analogous

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



15.7514, 13.7372, 21.3255



16.4931, 13.7372, 16.2503



16.2541, 13.7372, 11.7625

Triad

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



16.4931, 13.7372, 16.2503



11.8875, 13.7372, 7.9679



11.1875, 13.7372, 23.4281

Complementary

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



16.4931, 13.7372, 16.2503



16.1898, 20.8368, 19.9992

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.



10.3089, 13.7372, 18.6841



16.4931, 13.7372, 16.2503



10.6885, 13.7372, 10.0031

Square

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



16.4931, 13.7372, 16.2503



13.5007, 13.7372, 7.5873



10.1344, 13.7372, 13.7351



12.6227, 13.7372, 26.0069

Rectangle

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



16.4931, 13.7372, 16.2503



15.5793, 13.7372, 9.6105



10.1344, 13.7372, 13.7351



10.8225, 13.7372, 21.9912

Sweetspot

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



16.4935, 13.7378, 16.2506



37.0226, 36.5361, 40.9623



15.4062, 12.9910, 24.6174



8.4651, 8.2854, 9.3207



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.



16.4935, 13.7378, 16.2506



27.5867, 21.5690, 25.7786



15.9428, 14.0314, 11.7664



4.7457, 4.7180, 5.2731



9.8608, 5.0086, 3.8391



0.0376, 0.0187, 0.0316

Inverse Universe

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



16.4935, 13.7378, 16.2506



27.5867, 21.5690, 25.7786



16.8492, 20.2961, 25.9514



4.7457, 4.7180, 5.2731



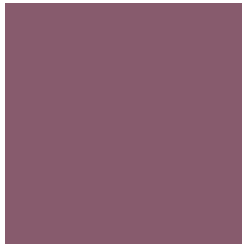
9.8608, 5.0086, 3.8391



0.0376, 0.0187, 0.0316

Previews

White Background



This preview shows how the XYZ color 16.4931, 13.7372, 16.2503 looks on a white background.

Color Contrast Check

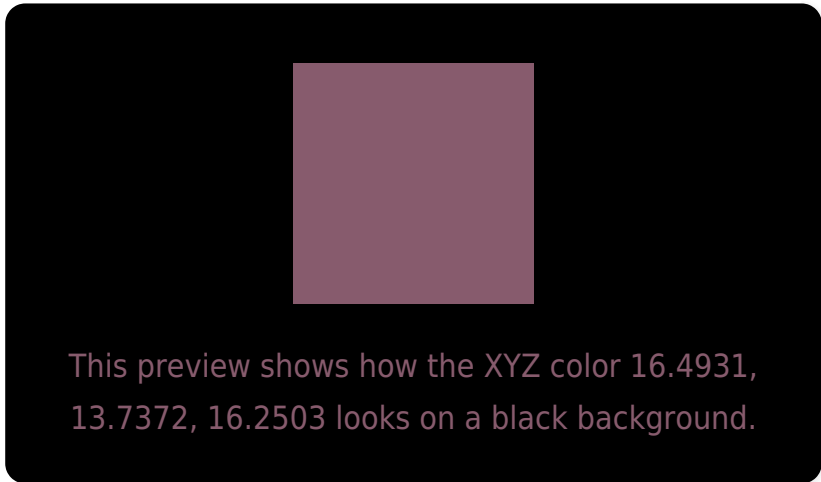
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.4931, 13.7372, 16.2503

Background



This preview shows how black text looks on a background with the XYZ color 16.4931, 13.7372, 16.2503.



This preview shows how white text looks on a background with the XYZ color 16.4931, 13.7372,

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

16.4931, 13.7372, 16.2503

Protanopia

13.5406, 13.8096, 18.7815

Deuteranopia

14.1176, 13.8796, 15.8449



Tritanopia

16.0461, 13.8171, 13.8778

Trichromacy



Original Color

16.4931, 13.7372, 16.2503

Protanomaly

14.4385, 13.7160, 17.8060

Deuteranomaly

14.8666, 13.6970, 16.0476

Tritanomaly

16.1068, 13.7019, 14.6278

Monochromacy



Original Color

16.4931, 13.7372, 16.2503

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.6436, 14.1508, 15.8695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4931, 13.7372, 16.2503 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, 91, 109)` looks like.

```
.text, #text, p{  
    color:rgb(135, 91, 109)  
}
```

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, 91, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 91, 109) }
```

Border

The CSS property to change the border of an element to XYZ 16.4931, 13.7372, 16.2503 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, 91, 109) }
```


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

```
.border{ border-color:rgb(135, 91, 109) }
```

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

Here you see how a box with a 4 pixel rgb(135, 91, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 91, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 91, 109);  
box-shadow:4px 4px 4px 4px rgb(135, 91,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4931, 13.7372, 16.2503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 91, 109) }
```

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

```
.background{ background-color: rgb(135, 91,  
109) }
```

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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