

Converting Colors

XYZ(16.1817, 12.3907, 13.8790)

Have a look what the booklet for
XYZ(16.1817, 12.3907, 13.8790)
contains.

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Color

**XYZ(16.2759, 12.4872,
13.8643)**

Conversions

Conversions Part 1

Format	Color
Hex	8D5165
RGB	141, 81, 101
RGB Percent	55%, 32%, 40%
CMY	0.4471, 0.6823, 0.6039
CMYK	0.00, 0.43, 0.28, 0.45
HSL	340°, 27%, 44%
HSV	340°, 43%, 55%
XYZ	16.2759, 12.4872, 13.8643
YIQ	101.2200, 29.3400, 18.9400

Conversions

Conversions Part 2

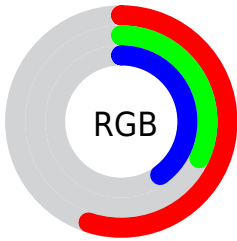
Format	Color
RYB	141, 81, 101
Decimal	9261413
CIELab	41.98, 27.74, -0.65
CIElCh	42, 27.748, 358.653
Yxy	12.4872, 0.3818, 0.2929
Android (android.graphics.Color)	4287451493 (0xFF8D5165)
YUV	101.2200, -0.1085, 34.8871
Hunter-Lab	35.3372, 20.3748, 1.4741

Details

The XYZ color **16.2759, 12.4872, 13.8643** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.3700, 22.1799, 21.5088**, and the grayscale version is **12.4218, 13.0687, 14.2318**.

A 20% lighter version of the original color is **36.6837, 30.5053, 33.6604**, and **5.3577, 3.5342, 3.8898** is the 20% darker color. If you saturate the color by 10%, you get **14.9003, 10.4314, 11.2618**, and if you desaturate by 10%, it is **17.9225, 15.0005, 16.8173**.

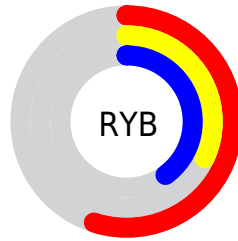
Distribution



Red (55%)

Green (32%)

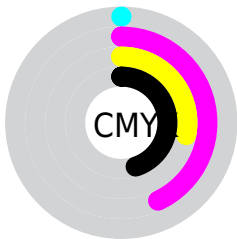
Blue (40%)



Red (55%)

Yellow (32%)

Blue (40%)

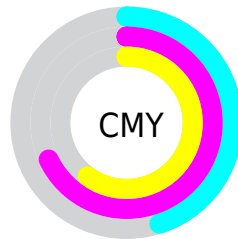


Cyan (0%)

Magenta (43%)

Yellow (28%)

Black (45%)



Cyan (45%)

Magenta (68%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2759, 12.4872, 13.8643 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 16.2759, 12.4872, 13.8643 by changing the saturation by 10% instead.

■ 16.2759, 12.4872,
13.8643

■ 16.2759, 12.4872,
13.8643

224.2028,
207.6045, 227.7840

■ 9.8117, 7.0764,
7.8887

■ 36.6301, 30.3794,
33.5617

■ 5.3356, 3.5099,
3.9370

■ 51.2508, 43.6296,
48.1206

■ 2.4822, 1.4034,
1.5909

■ 69.3211, 60.2616,
66.3776

■ 0.8863, 0.2192,
0.2843

■ 91.2062, 80.6600,
88.7513

■ 0.0000, 0.0000,
0.0000

■ 117.2716,
105.2091, 115.6603

147.8826,

134.2933, 147.5230

183.4045,
168.2970, 184.7581

■ 16.2759, 12.4872,
13.8643

■ 16.2759, 12.4872,
13.8643

■ 14.9003, 10.4314,
11.2618

■ 17.9225, 15.0005,
16.8173

■ 13.7793, 8.8034,
8.9954

■ 19.8531, 17.9949,
20.1332

■ 12.8963, 7.5728,
7.0504

■ 22.0812, 21.4946,
23.8245


■ 12.2321, 6.7045,
5.4106


■ 24.6190, 25.5217,
27.9028


■ 11.7644, 6.1572,
4.0581


■ 27.4780, 30.0968,
32.3794

 11.4975, 5.8679,
3.2153

 30.6693, 35.2396,
37.2649

 34.2031, 40.9688,
42.5696

 38.0896, 47.3020,
48.3034

 42.3381, 54.2563,
54.4759

Harmonies

Analogous

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



15.5753, 12.4872, 20.3778



16.2759, 12.4872, 13.8643



15.6869, 12.4872, 8.8580

Triad

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



16.2759, 12.4872, 13.8643



10.0722, 12.4872, 5.8845



9.9286, 12.4872, 25.7393

Complementary

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



16.2759, 12.4872, 13.8643



16.3700, 22.1799, 21.5088

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.



8.7265, 12.4872, 19.7801



16.2759, 12.4872, 13.8643



8.8024, 12.4872, 8.5160

Square

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



16.2759, 12.4872, 13.8643



11.9619, 12.4872, 5.1279



8.3389, 12.4872, 13.3320



11.7760, 12.4872, 28.3470

Rectangle

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



16.2759, 12.4872, 13.8643



14.6766, 12.4872, 6.7448



8.3389, 12.4872, 13.3320



9.4439, 12.4872, 23.9905

Sweetspot

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



16.2762, 12.4878, 13.8645



39.2346, 38.0053, 42.1610



15.6358, 11.8736, 26.6671



8.5787, 8.1978, 9.1143



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.



16.2762, 12.4878, 13.8645



26.7864, 18.8320, 20.3677



16.2113, 13.7396, 9.5830



5.4784, 5.4519, 6.0173



10.4903, 5.3532, 2.9675



0.1097, 0.0550, 0.0780

Inverse Universe

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



16.2762, 12.4878, 13.8645



26.7864, 18.8320, 20.3677



16.3178, 19.9054, 28.1814



5.4784, 5.4519, 6.0173



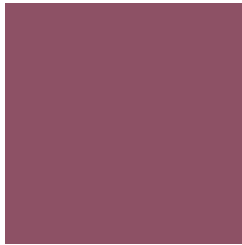
10.4903, 5.3532, 2.9675



0.1097, 0.0550, 0.0780

Previews

White Background



This preview shows how the XYZ color 16.2759, 12.4872, 13.8643 looks on a white background.

Color Contrast Check

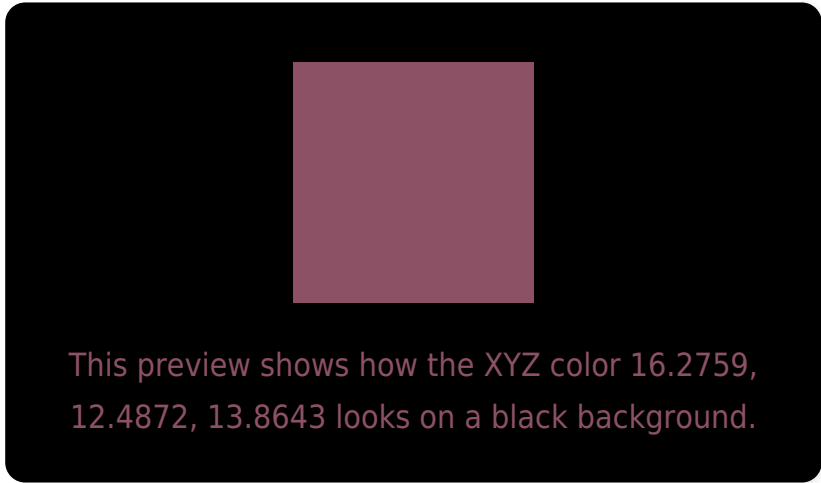
Large Text (above 18pt) WCAG AA ✓ Pass

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

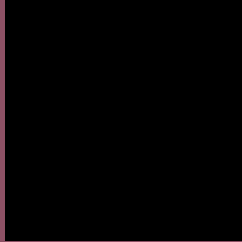
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.2759, 12.4872, 13.8643

Background



This preview shows how black text looks on a background with the XYZ color 16.2759, 12.4872, 13.8643.



This preview shows how white text looks on a background with the XYZ color 16.2759, 12.4872,

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

16.2759, 12.4872, 13.8643

Protanopia

12.4235, 12.6902, 17.1239

Deuteranopia

12.6942, 12.4988, 13.2987



Tritanopia

15.7116, 12.4832, 11.0326

Trichromacy



Original Color

16.2759, 12.4872, 13.8643

Protanomaly

13.4734, 12.3144, 15.8542

Deuteranomaly

13.8784, 12.4480, 13.4756

Tritanomaly

15.8083, 12.4003, 11.9162

Monochromacy



Original Color

16.2759, 12.4872, 13.8643

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

13.5541, 12.6580, 14.0408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2759, 12.4872, 13.8643 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, 81, 101)` looks like.

```
.text, #text, p{  
    color:rgb(141, 81, 101)  
}
```

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, 81, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 81, 101) }
```

Border

The CSS property to change the border of an element to XYZ 16.2759, 12.4872, 13.8643 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, 81, 101) }
```


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

```
.border{ border-color:rgb(141, 81, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 81, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 81, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 81, 101);  
box-shadow:4px 4px 4px 4px rgb(141, 81,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2759, 12.4872, 13.8643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 81, 101) }
```

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

```
.background{ background-color: rgb(141, 81,  
101) }
```

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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