

Converting Colors

XYZ(16.5359, 13.6861, 12.4763)

Have a look what the booklet for
XYZ(16.5359, 13.6861, 12.4763)
contains.

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Color

**XYZ(16.4918, 13.6959,
12.3640)**

Conversions

Conversions Part 1

Format	Color
Hex	8C5A5E
RGB	140, 90, 94
RGB Percent	55%, 35%, 37%
CMY	0.4510, 0.6470, 0.6314
CMYK	0.00, 0.36, 0.33, 0.45
HSL	355°, 22%, 45%
HSV	355°, 36%, 55%
XYZ	16.4918, 13.6959, 12.3640
YIQ	105.4060, 28.5160, 11.8440

Conversions

Conversions Part 2

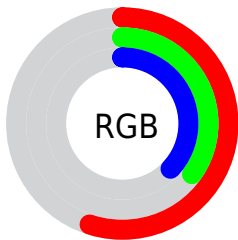
Format	Color
R_{YB}	140, 90, 94
Decimal	9198174
CIE _{Lab}	43.79, 21.15, 6.24
CIE _{LCh}	44, 22.049, 16.449
Yxy	13.6959, 0.3876, 0.3219
Android (android.graphics.Color)	4287388254 (0xFF8C5A5E)
YUV	105.4060, -5.6232, 30.3389
Hunter-Lab	37.0080, 14.7807, 6.0974

Details

The XYZ color **16.4918, 13.6959, 12.3640** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.0391, 22.7078, 26.7261**, and the grayscale version is **13.5471, 14.2526, 15.5211**.

A 20% lighter version of the original color is **37.0646, 32.6655, 30.7371**, and **5.4219, 4.0159, 3.2857** is the 20% darker color. If you saturate the color by 10%, you get **14.8897, 11.3407, 9.2124**, and if you desaturate by 10%, it is **18.4136, 16.5359, 16.0984**.

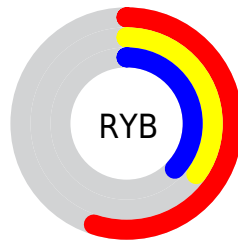
Distribution



Red (55%)

Green (35%)

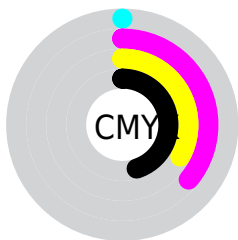
Blue (37%)



Red (55%)

Yellow (35%)

Blue (37%)

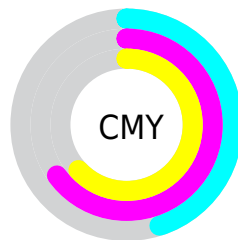


Cyan (0%)

Magenta (36%)

Yellow (33%)

Black (45%)



Cyan (45%)

Magenta (65%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.4918, 13.6959, 12.3640 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 16.4918, 13.6959, 12.3640 by changing the saturation by 10% instead.

■ 16.4918, 13.6959,
12.3640

■ 16.4918, 13.6959,
12.3640

225.4403,
215.3307, 217.8631

■ 9.9659, 7.9095,
6.8665

■ 37.0005, 32.5485,
30.8306

■ 5.4384, 4.0371,
3.3016

■ 51.7140, 46.3834,
44.6368

■ 2.5441, 1.6943,
1.2506

■ 69.8874, 63.6699,
62.0497

■ 0.9176, 0.4200,
0.0208

■ 91.8860, 84.7925,
83.4878

■ 0.0000, 0.0000,
0.0000

■ 118.0753,
110.1354, 109.3697

148.8205,

140.0832, 140.1138

184.4871,
175.0202, 176.1388

■ 16.4918, 13.6959,
12.3640

■ 16.4918, 13.6959,
12.3640

■ 14.8897, 11.3407,
9.2124

■ 18.4136, 16.5359,
16.0984

■ 13.5888, 9.4414,
6.6133

■ 20.6699, 19.8835,
20.4422

■ 12.5706, 7.9689,
4.5352

■ 23.2761, 23.7626,
25.4210

■ 11.8139, 6.8903,
2.9429

■ 26.2461, 28.1949,
31.0591

■ 11.2947, 6.1676,
1.7966

■ 29.5932, 33.2010,
37.3793

■ 10.9794, 5.7454,
1.0490

■ 33.3300, 38.8002,
44.4033

■ 10.8768, 5.6001,
0.8301

■ 37.4685, 45.0112,
52.1519

■ 42.0202, 51.8517,
60.6451

■ 46.9960, 59.3388,
69.9021

Harmonies

Analogous

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



16.5430, 13.6959, 17.2687



16.4918, 13.6959, 12.3640



15.4578, 13.6959, 8.9973

Triad

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



16.4918, 13.6959, 12.3640



10.7432, 13.6959, 9.2438



12.2503, 13.6959, 26.2823

Complementary

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



16.4918, 13.6959, 12.3640



18.0391, 22.7078, 26.7261

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.



10.8487, 13.6959, 22.9775



16.4918, 13.6959, 12.3640



10.0323, 13.6959, 12.7810

Square

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



16.4918, 13.6959, 12.3640



12.0943, 13.6959, 7.4896



10.0691, 13.6959, 17.7892



13.9866, 13.6959, 26.1000

Rectangle

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



16.4918, 13.6959, 12.3640



14.3986, 13.6959, 7.7487



10.0691, 13.6959, 17.7892



11.7277, 13.6959, 25.5156

Sweetspot

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



16.4922, 13.6966, 12.3643



38.4226, 38.0011, 39.8319



18.5165, 14.4267, 26.6199



8.7310, 8.5741, 8.9441



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.



16.4922, 13.6966, 12.3643



26.7209, 20.6831, 17.1714



18.3274, 17.6468, 12.1138



5.0481, 5.0547, 5.3415



9.6679, 4.9773, 0.7558



0.0661, 0.0338, 0.0148

Inverse Universe

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



16.4922, 13.6966, 12.3643



26.7209, 20.6831, 17.1714



15.5673, 17.3011, 27.3301



5.0481, 5.0547, 5.3415



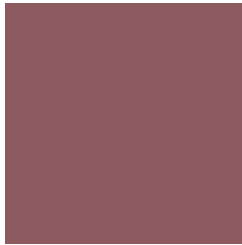
9.6679, 4.9773, 0.7558



0.0661, 0.0338, 0.0148

Previews

White Background



This preview shows how the XYZ color 16.4918, 13.6959, 12.3640 looks on a white background.

Color Contrast Check

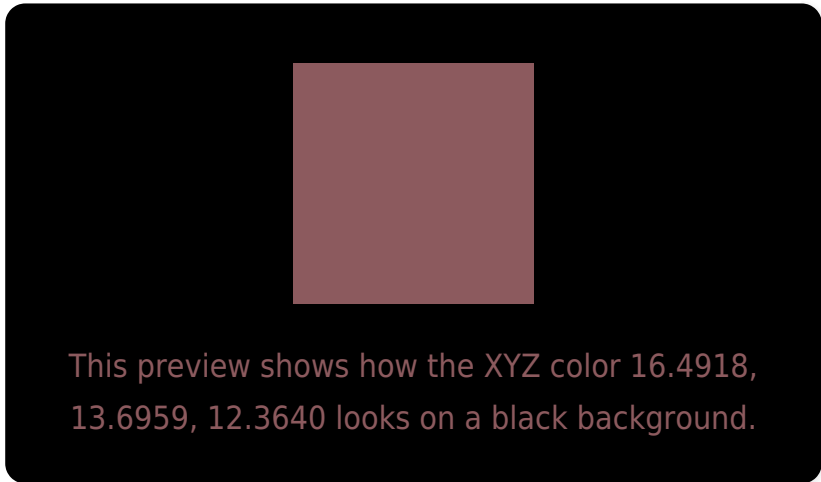
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.4918, 13.6959, 12.3640

Background



This preview shows how black text looks on a background with the XYZ color 16.4918, 13.6959, 12.3640.



This preview shows how white text looks on a background with the XYZ color 16.4918, 13.6959,

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

16.4918, 13.6959, 12.3640

Protanopia

13.1431, 13.7043, 14.2644

Deuteranopia

13.9602, 13.7386, 12.0413



Tritanopia

16.5827, 13.7323, 12.8429

Trichromacy



Original Color

16.4918, 13.6959, 12.3640

Protanomaly

14.0435, 13.4688, 13.4148

Deuteranomaly

14.7628, 13.5917, 12.2013

Tritanomaly

16.5369, 13.7140, 12.6019

Monochromacy



Original Color

16.4918, 13.6959, 12.3640

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

14.3773, 13.9055, 14.2382

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4918, 13.6959, 12.3640 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(140, 90, 94)` looks like.

```
.text, #text, p{  
  color:rgb(140, 90, 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(140, 90, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 90, 94) }
```

Border

The CSS property to change the border of an element to XYZ 16.4918, 13.6959, 12.3640 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(140, 90, 94) }
```


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

```
.border{ border-color:rgb(140, 90, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 90, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 90, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 90, 94);  
box-shadow:4px 4px 4px 4px rgb(140, 90,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4918, 13.6959, 12.3640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 90, 94) }
```

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

```
.background{ background-color: rgb(140, 90,  
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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