

Converting Colors

XYZ(16.3272, 11.5018, 9.2599)

Have a look what the booklet for
XYZ(16.3272, 11.5018, 9.2599)
contains.

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Color

**XYZ(16.2908, 11.4735,
9.3386)**

Conversions

Conversions Part 1

Format	Color
Hex	964652
RGB	150, 70, 82
RGB Percent	59%, 27%, 32%
CMY	0.4118, 0.7255, 0.6784
CMYK	0.00, 0.53, 0.45, 0.41
HSL	351°, 36%, 43%
HSV	351°, 53%, 59%
XYZ	16.2908, 11.4735, 9.3386
YIQ	95.2880, 43.8280, 20.6920

Conversions

Conversions Part 2

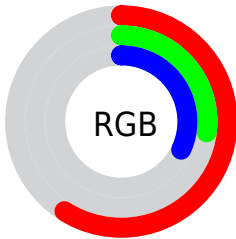
Format	Color
R_{YB}	150, 70, 82
Decimal	9848402
CIE _{Lab}	40.37, 34.78, 8.98
CIE _{LCh}	40, 35.921, 14.483
Yxy	11.4735, 0.4391, 0.3092
Android (android.graphics.Color)	4288038482 (0xFF964652)
YUV	95.2880, -6.5510, 47.9824
Hunter-Lab	33.8726, 26.5715, 7.3646

Details

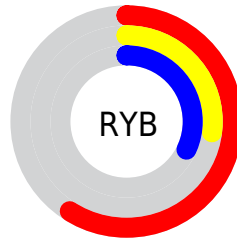
The XYZ color **16.2908, 11.4735, 9.3386** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.0202, 24.9500, 27.9123**, and the grayscale version is **10.9545, 11.5250, 12.5507**.

A 20% lighter version of the original color is **36.6662, 28.5788, 25.0565**, and **5.3193, 3.0731, 2.1465** is the 20% darker color. If you saturate the color by 10%, you get **15.0260, 9.6496, 6.7416**, and if you desaturate by 10%, it is **17.8808, 13.8034, 12.4891**.

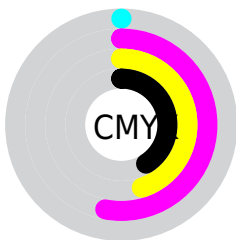
Distribution



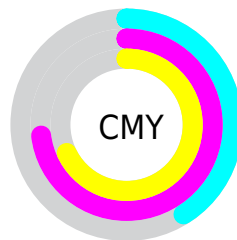
- Red (59%)
- Green (27%)
- Blue (32%)



- Red (59%)
- Yellow (27%)
- Blue (32%)



- Cyan (0%)
- Magenta (53%)
- Yellow (45%)
- Black (41%)





- Cyan (41%)
- Magenta (73%)
- Yellow (68%)
- Black (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.2908, 11.4735, 9.3386 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 16.2908, 11.4735, 9.3386 by changing the saturation by 10% instead.


 16.2908, 11.4735,
9.3386


 16.2908, 11.4735,
9.3386


224.2884,
200.8878, 196.1943


 9.8223, 6.3863,
4.8629


 36.6557, 28.5325,
25.1319


 5.3427, 3.0813,
2.1097

 51.2828, 41.2730,
37.2865


 2.4865, 1.1744,
0.6215

 69.3602, 57.3335,
52.8379

 0.8885, 0.0406,
0.0000

 91.2532, 77.0982,
72.2045

 0.0000, 0.0000,
0.0000

 117.3272,
100.9516, 95.8049

147.9474,

129.2781, 124.0576

183.4794,
162.4620, 157.3812

■ 16.2908, 11.4735,
9.3386

■ 16.2908, 11.4735,
9.3386

■ 15.0260, 9.6496,
6.7416

■ 17.8808, 13.8034,
12.4891

■ 14.0627, 8.2923,
4.6651

■ 19.8156, 16.6713,
16.2222

■ 13.3753, 7.3594,
3.0737

■ 22.1144, 20.1087,
20.5655

■ 12.9335, 6.8001,
1.9271

■ 24.7947, 24.1440,
25.5448

■ 12.7273, 6.5439,
1.3765

■ 27.8729, 28.8038,
31.1843

■ 31.3643, 34.1132,
37.5072

■ 35.2835, 40.0957,
44.5351

■ 39.6444, 46.7737,
52.2891

■ 44.4601, 54.1688,
60.7892

Harmonies

Analogous

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



16.2613, 11.4735, 16.5770



16.2908, 11.4735, 9.3386



14.7329, 11.4735, 5.0831

Triad

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



16.2908, 11.4735, 9.3386



7.8550, 11.4735, 4.9867



9.6617, 11.4735, 31.1584

Complementary

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



16.2908, 11.4735, 9.3386



18.0202, 24.9500, 27.9123

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.



7.8055, 11.4735, 24.9301



16.2908, 11.4735, 9.3386



6.8770, 11.4735, 9.1412

Square

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



16.2908, 11.4735, 9.3386



9.7397, 11.4735, 3.3077



6.8604, 11.4735, 16.2873



12.1602, 11.4735, 31.2775

Rectangle

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



16.2908, 11.4735, 9.3386



13.1244, 11.4735, 3.6977



6.8604, 11.4735, 16.2873



8.9515, 11.4735, 29.6277

Sweetspot

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



16.2911, 11.4741, 9.3388



42.2731, 40.3699, 42.3379



18.1768, 11.9862, 30.2097



9.1730, 8.6523, 9.0204



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



16.2911, 11.4741, 9.3388



26.1492, 16.5049, 11.1201



18.0512, 15.6622, 7.8668



5.8341, 5.8287, 6.2328



10.5638, 5.4306, 1.1840



0.1361, 0.0692, 0.0501

Inverse Universe

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



16.2911, 11.4741, 9.3388



26.1492, 16.5049, 11.1201



14.9908, 17.4237, 31.4271



5.8341, 5.8287, 6.2328



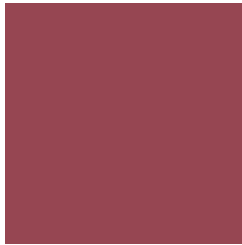
10.5638, 5.4306, 1.1840



0.1361, 0.0692, 0.0501

Previews

White Background



This preview shows how the XYZ color 16.2908, 11.4735, 9.3386 looks on a white background.

Color Contrast Check

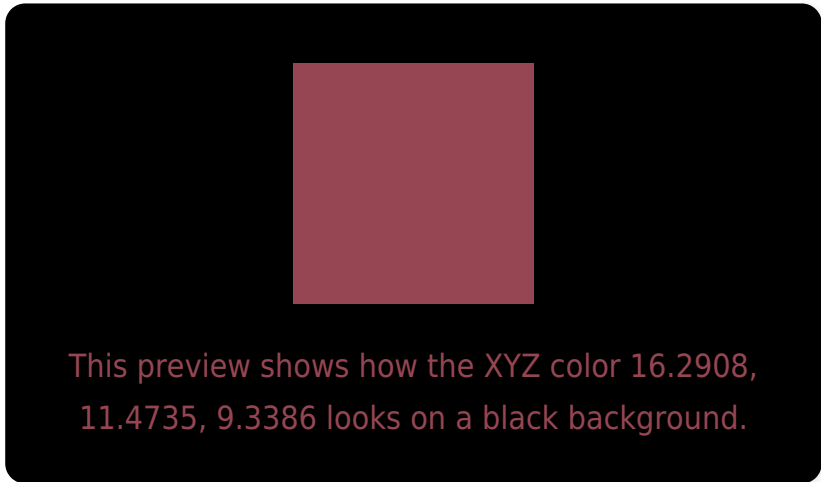
Large Text (above 18pt) WCAG AA ✓ Pass

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

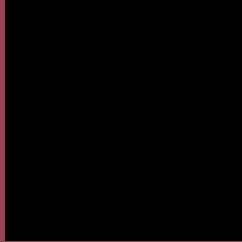
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.2908, 11.4735, 9.3386

Background



This preview shows how black text looks on a background with the XYZ color 16.2908, 11.4735, 9.3386.



This preview shows how white text looks on a background with the XYZ color 16.2908, 11.4735,

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

16.2908, 11.4735, 9.3386

Protanopia

11.1948, 11.6073, 12.4769

Deuteranopia

11.7578, 11.5839, 8.8239



Tritanopia

16.1354, 11.5123, 8.2091

Trichromacy



Original Color

16.2908, 11.4735, 9.3386

Protanomaly

12.5094, 11.1757, 11.1707

Deuteranomaly

13.0391, 11.2651, 8.8843

Tritanomaly

16.2061, 11.5406, 8.5811

Monochromacy



Original Color

16.2908, 11.4735, 9.3386

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

12.2435, 11.0386, 11.1582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2908, 11.4735, 9.3386 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(150, 70, 82)` looks like.

```
.text, #text, p{  
  color:rgb(150, 70, 82)  
}
```

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(150, 70, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 70, 82) }
```

Border

The CSS property to change the border of an element to XYZ 16.2908, 11.4735, 9.3386 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(150, 70, 82) }
```


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

```
.border{ border-color:rgb(150, 70, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 70, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 70, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 70, 82);  
box-shadow:4px 4px 4px 4px rgb(150, 70,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2908, 11.4735, 9.3386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 70, 82) }
```

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

```
.background{ background-color: rgb(150, 70,  
82) }
```

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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