

Converting Colors

XYZ(15.9644, 11.3010, 9.5238)

Have a look what the booklet for
XYZ(15.9644, 11.3010, 9.5238)
contains.

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Color

**XYZ(15.9642, 11.3008,
9.5235)**

Conversions

Conversions Part 1

Format	Color
Hex	944653
RGB	148, 70, 83
RGB Percent	58%, 27%, 33%
CMY	0.4196, 0.7255, 0.6745
CMYK	0.00, 0.53, 0.44, 0.42
HSL	350°, 36%, 43%
HSV	350°, 53%, 58%
XYZ	15.9642, 11.3008, 9.5235
YIQ	94.8040, 42.3150, 20.5790

Conversions

Conversions Part 2

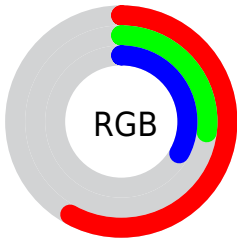
Format	Color
R_{YB}	148, 70, 83
Decimal	9717331
CIE _{Lab}	40.08, 34.14, 7.92
CIE _{LCh}	40, 35.042, 13.055
Yxy	11.3008, 0.4339, 0.3072
Android (android.graphics.Color)	4287907411 (0xFF944653)
YUV	94.8040, -5.8194, 46.6529
Hunter-Lab	33.6167, 25.9386, 6.7350

Details

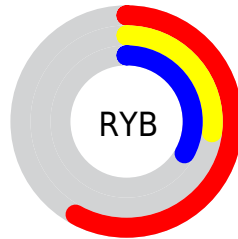
The XYZ color **15.9642, 11.3008, 9.5235** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.4895, 24.2313, 26.6785**, and the grayscale version is **10.8372, 11.4015, 12.4163**.

A 20% lighter version of the original color is **36.1791, 28.3198, 25.3892**, and **5.2161, 3.0199, 2.1417** is the 20% darker color. If you saturate the color by 10%, you get **14.7153, 9.4984, 6.9631**, and if you desaturate by 10%, it is **17.5266, 13.5946, 12.6067**.

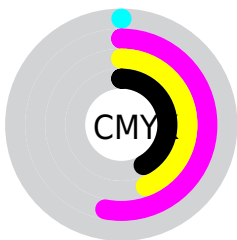
Distribution



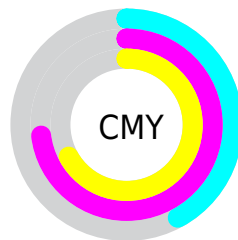
- Red (58%)
- Green (27%)
- Blue (33%)



- Red (58%)
- Yellow (27%)
- Blue (33%)



- Cyan (0%)
- Magenta (53%)
- Yellow (44%)
- Black (42%)





- Cyan (42%)
- Magenta (73%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.9642, 11.3008, 9.5235 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 15.9642, 11.3008, 9.5235 by changing the saturation by 10% instead.


 15.9642, 11.3008,
9.5235


 15.9642, 11.3008,
9.5235


222.4049,
199.7198, 197.5962

 9.5895, 6.2695,
4.9827


 36.0940, 28.2151,
25.4890


 5.1878, 3.0097,
2.1786

 50.5798, 40.8669,
37.7507


 2.3938, 1.1368,
0.6620

 68.5000, 56.8276,
53.4233

 0.8420, 0.0091,
0.0000

 90.2200, 76.4818,
72.9251

 0.0000, 0.0000,
0.0000

 116.1052,
100.2136, 96.6748

146.5208,

128.4077, 125.0908

181.8323,
161.4482, 158.5918

■ 15.9642, 11.3008,
9.5235

■ 15.9642, 11.3008,
9.5235

■ 14.7153, 9.4984,
6.9631

■ 17.5266, 13.5946,
12.6067

■ 13.7574, 8.1498,
4.8955

■ 19.4212, 16.4103,
16.2390

■ 13.0665, 7.2145,
3.2885

■ 21.6661, 19.7782,
20.4458

■ 12.6140, 6.6443,
2.1058

■ 24.2779, 23.7256,
25.2507

■ 12.3845, 6.3646,
1.4763

■ 27.2721, 28.2781,
30.6759

■ 30.6635, 33.4596,
36.7426

■ 34.4658, 39.2929,
43.4708

■ 38.6922, 45.7994,
50.8797

■ 43.3554, 52.9999,
58.9878

Harmonies

Analogous

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



15.8576, 11.3008, 16.6299



15.9642, 11.3008, 9.5235



14.5285, 11.3008, 5.2450

Triad

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



15.9642, 11.3008, 9.5235



7.8573, 11.3008, 4.8897



9.4364, 11.3008, 30.0502

Complementary

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



15.9642, 11.3008, 9.5235



17.4895, 24.2313, 26.6785

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.



7.6767, 11.3008, 23.8833



15.9642, 11.3008, 9.5235



6.8638, 11.3008, 8.8030

Square

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



15.9642, 11.3008, 9.5235



9.7201, 11.3008, 3.3321



6.8031, 11.3008, 15.5805



11.8311, 11.3008, 30.4784

Rectangle

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



15.9642, 11.3008, 9.5235



12.9998, 11.3008, 3.8170



6.8031, 11.3008, 15.5805



8.7604, 11.3008, 28.4973

Sweetspot

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



15.9645, 11.3014, 9.5237



41.0925, 39.2203, 41.3600



17.5275, 11.6700, 29.3455



9.1845, 8.6569, 9.0813



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.



15.9645, 11.3014, 9.5237



25.6683, 16.3377, 11.6615



17.5015, 15.1045, 7.7883



5.8379, 5.8302, 6.2525



10.5857, 5.4394, 1.2996



0.1370, 0.0695, 0.0550

Inverse Universe

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



15.9645, 11.3014, 9.5237



25.6683, 16.3377, 11.6615



14.8311, 17.3598, 30.5858



5.8379, 5.8302, 6.2525



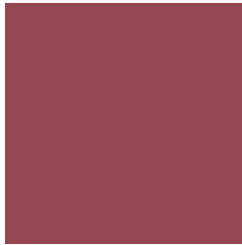
10.5857, 5.4394, 1.2996



0.1370, 0.0695, 0.0550

Previews

White Background



This preview shows how the XYZ color 15.9642, 11.3008, 9.5235 looks on a white background.

Color Contrast Check

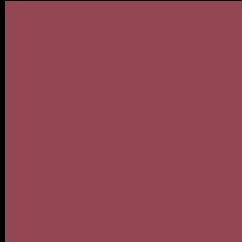
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 15.9642, 11.3008, 9.5235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

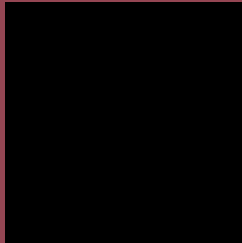
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.9642, 11.3008, 9.5235

Background



This preview shows how black text looks on a background with the XYZ color 15.9642, 11.3008, 9.5235.



This preview shows how white text looks on a background with the XYZ color 15.9642, 11.3008,

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

15.9642, 11.3008, 9.5235

Protanopia

11.0274, 11.5157, 12.7079

Deuteranopia

11.6195, 11.3764, 9.1729



Tritanopia

15.5904, 11.2313, 8.1836

Trichromacy



Original Color

15.9642, 11.3008, 9.5235

Protanomaly

12.2863, 11.0557, 11.3839

Deuteranomaly

12.8906, 11.0657, 9.2411

Tritanomaly

15.6971, 11.2740, 8.7459

Monochromacy



Original Color

15.9642, 11.3008, 9.5235

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

12.1555, 10.9883, 11.3778

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9642, 11.3008, 9.5235 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(148, 70, 83)` looks like.

```
.text, #text, p{  
    color:rgb(148, 70, 83)  
}
```

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(148, 70, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 70, 83) }
```

Border

The CSS property to change the border of an element to XYZ 15.9642, 11.3008, 9.5235 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(148, 70, 83) }
```


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

```
.border{ border-color:rgb(148, 70, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 70, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 70, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 70, 83);  
box-shadow:4px 4px 4px 4px rgb(148, 70,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9642, 11.3008, 9.5235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 70, 83) }
```

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

```
.background{ background-color: rgb(148, 70,  
83) }
```

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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