

Converting Colors

XYZ(15.9511, 10.5091, 9.6479)

Have a look what the booklet for
XYZ(15.9511, 10.5091, 9.6479)
contains.

XYZ(16.0315, 10.5569, 9.5802)	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(16.0315, 10.5569,
9.5802)**

Conversions

Conversions Part 1

Format	Color
Hex	973D54
RGB	151, 61, 84
RGB Percent	59%, 24%, 33%
CMY	0.4078, 0.7608, 0.6706
CMYK	0.00, 0.60, 0.44, 0.41
HSL	345°, 42%, 42%
HSV	345°, 60%, 59%
XYZ	16.0315, 10.5569, 9.5802
YIQ	90.5320, 46.2570, 26.2330

Conversions

Conversions Part 2

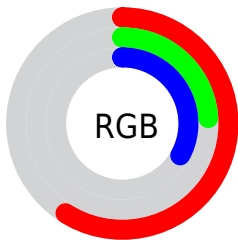
Format	Color
RYB	151, 61, 84
Decimal	9911636
CIELab	38.82, 39.95, 5.57
CIELCh	39, 40.335, 7.937
Yxy	10.5569, 0.4432, 0.2919
Android (android.graphics.Color)	4288101716 (0xFF973D54)
YUV	90.5320, -3.2203, 53.0304
Hunter-Lab	32.4914, 31.2134, 5.2621

Details


The XYZ color **16.0315, 10.5569, 9.5802** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **16.8880, 24.6842, 24.2982**, and the grayscale version is **9.8380, 10.3504, 11.2716**.

A 20% lighter version of the original color is **36.0402, 26.6917, 25.4428**, and **5.2335, 2.7201, 2.1687** is the 20% darker color. If you saturate the color by 10%, you get **14.9304, 9.0038, 7.2124**, and if you desaturate by 10%, it is **17.4308, 12.5933, 12.3963**.

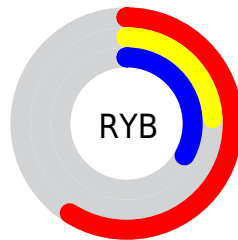
Distribution




 Red (59%)

 Green (24%)

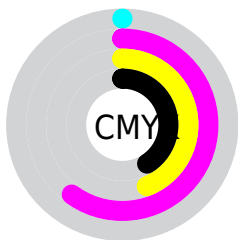
 Blue (33%)




 Red (59%)

 Yellow (24%)

 Blue (33%)

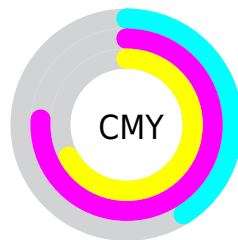



 Cyan (0%)

 Magenta (60%)

 Yellow (44%)

 Black (41%)



 Cyan (41%)


 Magenta (76%)


 Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.0315, 10.5569, 9.5802 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 16.0315, 10.5569, 9.5802 by changing the saturation by 10% instead.


 16.0315, 10.5569,
9.5802


 16.0315, 10.5569,
9.5802

222.7943,
194.6019, 198.0238


 9.6374, 5.7697,
5.0196


 36.2099, 26.8378,
25.5982


 5.2196, 2.7056,
2.1998

 50.7249, 39.1004,
37.8927


 2.4128, 0.9800,
0.6743

 68.6776, 54.6235,
53.6021

 0.8515, 0.0000,
0.0000

 90.4334, 73.7917,
73.1452

 0.0000, 0.0000,
0.0000

 116.3576, 96.9892,
96.9403

 146.8156,

124.6004, 125.4061

182.1727,
157.0099, 158.9611

■ 16.0315, 10.5569,
9.5802

■ 16.0315, 10.5569,
9.5802

■ 14.9304, 9.0038,
7.2124

■ 17.4308, 12.5933,
12.3963

■ 14.1037, 7.8917,
5.2681

■ 19.1479, 15.1473,
15.6825

■ 13.5251, 7.1739,
3.7207

■ 21.2018, 18.2519,
19.4596

■ 13.1358, 6.7392,
2.5308

■ 23.6095, 21.9369,
23.7473

■ 13.1218, 6.7230,
2.4895

■ 26.3871, 26.2299,
28.5639

■ 29.5494, 31.1569,
33.9269

■ 33.1106, 36.7422,
39.8528

■ 37.0842, 43.0089,
46.3577

■ 41.4828, 49.9790,
53.4569

Harmonies

Analogous

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



15.5887, 10.5569, 17.9552



16.0315, 10.5569, 9.5802



14.6563, 10.5569, 4.6139

Triad

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



16.0315, 10.5569, 9.5802



7.1951, 10.5569, 3.3569



8.2251, 10.5569, 31.2358

Complementary

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



16.0315, 10.5569, 9.5802



16.8880, 24.6842, 24.2982

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.



6.5028, 10.5569, 23.1220



16.0315, 10.5569, 9.5802



5.9858, 10.5569, 6.8060

Square

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



16.0315, 10.5569, 9.5802



9.3411, 10.5569, 2.2124



5.7570, 10.5569, 13.6486



10.7603, 10.5569, 33.0954

Rectangle

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



16.0315, 10.5569, 9.5802



13.0161, 10.5569, 2.9904



5.7570, 10.5569, 13.6486



7.5462, 10.5569, 29.0180

Sweetspot

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



16.0318, 10.5575, 9.5804



42.8615, 40.1786, 43.5451



16.0076, 10.0846, 30.3810



9.4565, 8.6931, 9.3959



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



16.0318, 10.5575, 9.5804



26.1139, 15.2701, 11.4914



16.6226, 12.9515, 6.0394



6.2704, 6.2473, 6.8038



11.1733, 5.7236, 2.1718



0.1802, 0.0908, 0.1016

Inverse Universe

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



16.0318, 10.5575, 9.5804



26.1139, 15.2701, 11.4914



15.4935, 19.1922, 32.1661



6.2704, 6.2473, 6.8038



11.1733, 5.7236, 2.1718



0.1802, 0.0908, 0.1016

Previews

White Background



This preview shows how the XYZ color 16.0315, 10.5569, 9.5802 looks on a white background.

Color Contrast Check

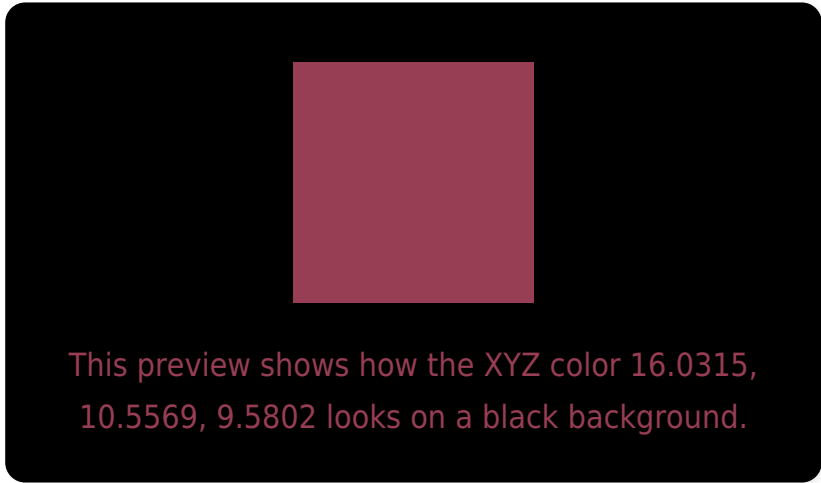
Large Text (above 18pt) WCAG AA ✓ Pass

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

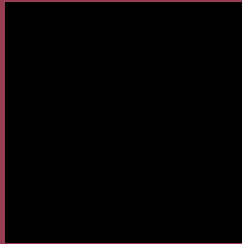
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.0315, 10.5569, 9.5802

Background



This preview shows how black text looks on a background with the XYZ color 16.0315, 10.5569, 9.5802.



This preview shows how white text looks on a background with the XYZ color 16.0315, 10.5569,

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

16.0315, 10.5569, 9.5802

Protanopia

10.4905, 10.8180, 13.8471

Deuteranopia

10.9642, 10.7881, 9.0939



Tritanopia

15.4545, 10.5682, 6.6942

Trichromacy



Original Color

16.0315, 10.5569, 9.5802

Protanomaly

11.8180, 10.2218, 12.1766

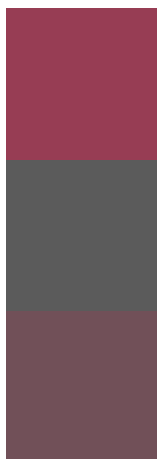
Deuteranomaly

12.3072, 10.3236, 9.1286

Tritanomaly

15.5912, 10.5335, 7.6900

Monochromacy



Original Color

16.0315, 10.5569, 9.5802

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

11.4402, 9.9526, 10.5506

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0315, 10.5569, 9.5802 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(151, 61, 84)` looks like.

```
.text, #text, p{  
    color:rgb(151, 61, 84)  
}
```

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(151, 61, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 61, 84) }
```

Border

The CSS property to change the border of an element to XYZ 16.0315, 10.5569, 9.5802 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(151, 61, 84) }
```


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

```
.border{ border-color:rgb(151, 61, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 61, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 61, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 61, 84);  
box-shadow:4px 4px 4px 4px rgb(151, 61,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0315, 10.5569, 9.5802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 61, 84) }
```

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

```
.background{ background-color: rgb(151, 61,  
84) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor