

Converting Colors

XYZ(16.0557, 9.9301, 7.6093)

Have a look what the booklet for
XYZ(16.0557, 9.9301, 7.6093)
contains.

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Color

**XYZ(15.9816, 9.9190,
7.5508)**

Conversions

Conversions Part 1

Format	Color
Hex	9B344A
RGB	155, 52, 74
RGB Percent	61%, 20%, 29%
CMY	0.3922, 0.7961, 0.7098
CMYK	0.00, 0.66, 0.52, 0.39
HSL	347°, 50%, 41%
HSV	347°, 66%, 61%
XYZ	15.9816, 9.9190, 7.5508
YIQ	85.3050, 54.3260, 28.6780

Conversions

Conversions Part 2

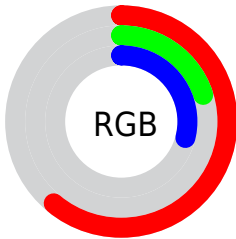
Format	Color
R _Y B	155, 52, 74
Decimal	10171466
CIE Lab	37.70, 44.52, 10.41
CIE LCh	38, 45.721, 13.163
Yxy	9.9190, 0.4778, 0.2965
Android (android.graphics.Color)	4288361546 (0xFF9B344A)
YUV	85.3050, -5.5734, 61.1225
Hunter-Lab	31.4944, 35.4631, 7.8313

Details

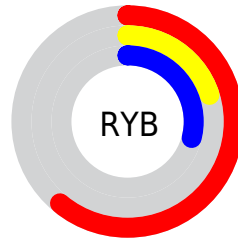
The XYZ color **15.9816, 9.9190, 7.5508** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **17.3719, 25.8665, 26.2697**, and the grayscale version is **8.7025, 9.1557, 9.9705**.

A 20% lighter version of the original color is **36.0050, 25.6544, 21.4665**, and **5.2843, 2.6956, 1.5381** is the 20% darker color. If you saturate the color by 10%, you get **15.0281, 8.6069, 5.3994**, and if you desaturate by 10%, it is **17.2423, 11.7183, 10.1975**.

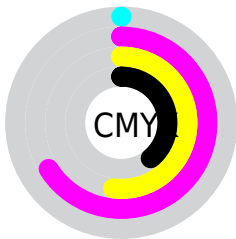
Distribution



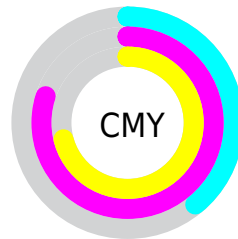
- Red (61%)
- Green (20%)
- Blue (29%)



- Red (61%)
- Yellow (20%)
- Blue (29%)



- Cyan (0%)
- Magenta (66%)
- Yellow (52%)
- Black (39%)





- Cyan (39%)
- Magenta (80%)
- Yellow (71%)
- Black (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.9816, 9.9190, 7.5508 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 15.9816, 9.9190, 7.5508 by changing the saturation by 10% instead.


 15.9816, 9.9190,
7.5508


 15.9816, 9.9190,
7.5508


222.5056,
190.0930, 181.9660


 9.6019, 5.3453,
3.7253


 36.1240, 25.6430,
21.6044


 5.1960, 2.4512,
1.4759

 50.6173, 37.5621,
32.6696


 2.3987, 0.8521,
0.1999

 68.5460, 52.6985,
46.9851

 0.8444, 0.0000,
0.0000

 90.2752, 71.4365,
64.9695

 0.0000, 0.0000,
0.0000

 116.1705, 94.1606,
87.0412

 146.5971,

121.2551, 113.6188

181.9203,
153.1044, 145.1209

■ 15.9816, 9.9190,
7.5508

■ 15.9816, 9.9190,
7.5508

■ 15.0281, 8.6069,
5.3994

■ 17.2423, 11.7183,
10.1975

■ 14.3534, 7.7321,
3.7108

■ 18.8339, 14.0451,
13.3680

■ 13.9180, 7.2244,
2.4468

■ 20.7784, 16.9373,
17.0893

■ 13.7934, 7.0789,
2.0855

■ 23.0958, 20.4288,
21.3863

■ 25.8044, 24.5508,
26.2822

■ 28.9214, 29.3324,
31.7991

■ 32.4631, 34.8009,
37.9578

■ 36.4446, 40.9820,
44.7783

■ 40.8804, 47.9001,
52.2796

Harmonies

Analogous

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



15.8501, 9.9190, 16.1295



15.9816, 9.9190, 7.5508



14.1185, 9.9190, 3.1357

Triad

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



15.9816, 9.9190, 7.5508



6.0989, 9.9190, 2.8282



7.9002, 9.9190, 34.4951

Complementary

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



15.9816, 9.9190, 7.5508



17.3719, 25.8665, 26.2697

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.



5.9114, 9.9190, 25.8603



15.9816, 9.9190, 7.5508



5.0275, 9.9190, 6.7967

Square

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



15.9816, 9.9190, 7.5508



8.2118, 9.9190, 1.5109



4.9667, 9.9190, 14.8689



10.7581, 9.9190, 35.0743

Rectangle

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



15.9816, 9.9190, 7.5508



12.1817, 9.9190, 1.8899



4.9667, 9.9190, 14.8689



7.1236, 9.9190, 32.2936

Sweetspot

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



15.9819, 9.9195, 7.5510



44.2148, 40.9190, 43.4809



16.7678, 9.7841, 32.0150



9.7215, 8.8262, 9.3239



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



15.9819, 9.9195, 7.5510



26.2371, 14.5211, 8.0238



17.0939, 13.1294, 4.8829



6.2601, 6.2432, 6.7498



11.0911, 5.6907, 1.7388



0.1772, 0.0896, 0.0861

Inverse Universe

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



15.9819, 9.9195, 7.5510



26.2371, 14.5211, 8.0238



14.7706, 17.9721, 33.7007



6.2601, 6.2432, 6.7498



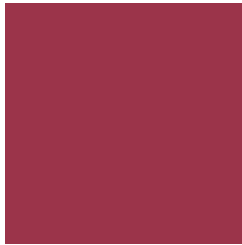
11.0911, 5.6907, 1.7388



0.1772, 0.0896, 0.0861

Previews

White Background



This preview shows how the XYZ color 15.9816, 9.9190, 7.5508 looks on a white background.

Color Contrast Check

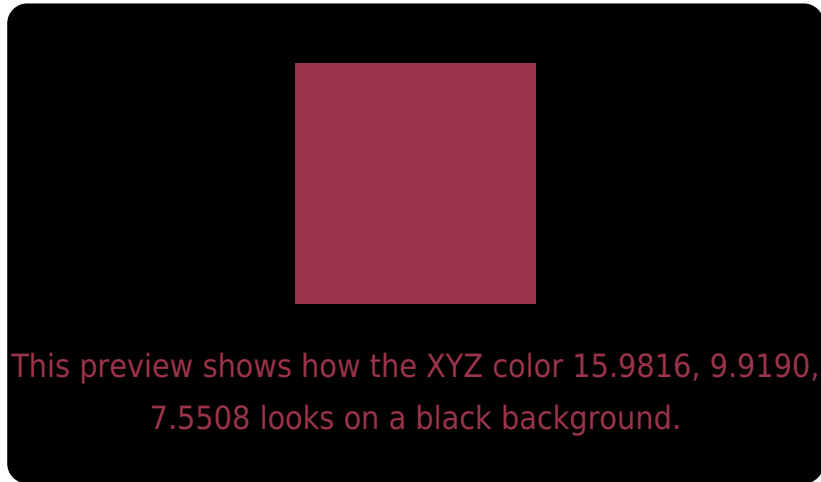
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

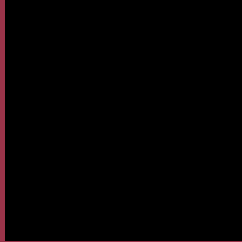
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.9816, 9.9190, 7.5508

Background



This preview shows how black text looks on a background with the XYZ color 15.9816, 9.9190, 7.5508.



This preview shows how white text looks on a background with the XYZ color 15.9816, 9.9190,

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

15.9816, 9.9190, 7.5508

Protanopia

9.7646, 10.1087, 11.7925

Deuteranopia

10.2277, 10.0885, 7.0384



Tritanopia

15.4563, 9.9079, 5.1008

Trichromacy



Original Color

15.9816, 9.9190, 7.5508

Protanomaly

11.2036, 9.4182, 10.0315

Deuteranomaly

11.7545, 9.5634, 7.1876

Tritanomaly

15.5710, 9.8785, 5.9366

Monochromacy



Original Color

15.9816, 9.9190, 7.5508

Achromatopsia

8.6345, 9.0842, 9.8927

Achromatomaly

10.2982, 8.6742, 8.9161

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9816, 9.9190, 7.5508 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(155, 52, 74)` looks like.

```
.text, #text, p{  
    color:rgb(155, 52, 74)  
}
```

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(155, 52, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 52, 74) }
```

Border

The CSS property to change the border of an element to XYZ 15.9816, 9.9190, 7.5508 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(155, 52, 74) }
```


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

```
.border{ border-color:rgb(155, 52, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 52, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 52, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 52, 74);  
box-shadow:4px 4px 4px 4px rgb(155, 52,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9816, 9.9190, 7.5508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 52, 74) }
```

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

```
.background{ background-color: rgb(155, 52,  
74) }
```

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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