

Converting Colors

XYZ(15.4126, 9.6991, 3.8904)

Have a look what the booklet for
XYZ(15.4126, 9.6991, 3.8904)
contains.

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Color

**XYZ(15.4718, 9.7373,
3.8603)**

Conversions

Conversions Part 1

Format	Color
Hex	9C3430
RGB	156, 52, 48
RGB Percent	61%, 20%, 19%
CMY	0.3882, 0.7961, 0.8118
CMYK	0.00, 0.67, 0.69, 0.39
HSL	2°, 53%, 40%
HSV	2°, 69%, 61%
XYZ	15.4718, 9.7373, 3.8603
YIQ	82.6400, 63.2680, 20.8040

Conversions

Conversions Part 2

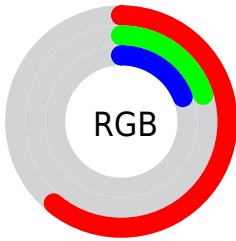
Format	Color
R_{YB}	156, 52, 48
Decimal	10236976
CIE Lab	37.37, 42.98, 26.31
CIE LCh	37, 50.389, 31.474
Yxy	9.7373, 0.5322, 0.3350
Android (android.graphics.Color)	4288427056 (0xFF9C3430)
YUV	82.6400, -17.0775, 64.3367
Hunter-Lab	31.2046, 33.8952, 14.5085

Details

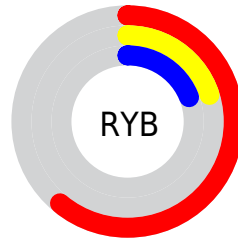
The XYZ color **15.4718, 9.7373, 3.8603** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **18.4468, 25.4830, 35.3988**, and the grayscale version is **8.1739, 8.5996, 9.3650**.

A 20% lighter version of the original color is **35.2896, 25.3077, 13.6146**, and **5.0480, 2.6011, 0.2934** is the 20% darker color. If you saturate the color by 10%, you get **14.6375, 8.4966, 2.2637**, and if you desaturate by 10%, it is **16.6331, 11.4511, 6.1247**.

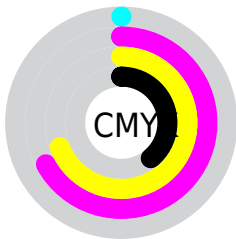
Distribution



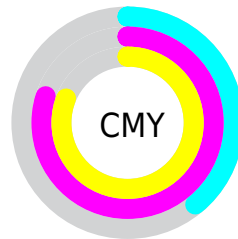
- Red (61%)
- Green (20%)
- Blue (19%)



- Red (61%)
- Yellow (20%)
- Blue (19%)



- Cyan (0%)
- Magenta (67%)
- Yellow (69%)
- Black (39%)



- Cyan (39%)
- Magenta (80%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4718, 9.7373, 3.8603 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 15.4718, 9.7373, 3.8603 by changing the saturation by 10% instead.

■ 15.4718, 9.7373,
3.8603

■ 15.4718, 9.7373,
3.8603

219.5366,
188.7867, 146.6597

■ 9.2396, 5.2251,
1.5490

■ 35.2437, 25.3002,
13.6863

■ 4.9562, 2.3800,
0.2541

■ 49.5141, 37.1197,
22.0380

■ 2.2561, 0.8155,
0.0000

■ 67.1946, 52.1438,
33.2404

■ 0.7720, 0.0000,
0.0000

■ 88.6506, 70.7569,
47.7119

■ 0.0000, 0.0000,
0.0000

■ 114.2475, 93.3433,
65.8710

■ 144.3505,

120.2875, 88.1363

179.3251,
151.9738, 114.9264

■ 15.4718, 9.7373,
3.8603

■ 15.4718, 9.7373,
3.8603

■ 14.6375, 8.4966,
2.2637

■ 16.6331, 11.4511,
6.1247

■ 14.0961, 7.6802,
1.2616

■ 18.1498, 13.6773,
9.1188

■ 13.7922, 7.2212,
0.7014

■ 20.0479, 16.4529,
12.8980

■ 13.7730, 7.1935,
0.6626

■ 22.3508, 19.8110,
17.5122

■ 25.0801, 23.7822,
23.0072

■ 28.2557, 28.3948,
29.4255

■ 31.8964, 33.6756,
36.8068

■ 36.0199, 39.6496,
45.1884

■ 40.6429, 46.3407,
54.6058

Harmonies

Analogous

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



16.7638, 9.7373, 10.1605



15.4718, 9.7373, 3.8603



12.4740, 9.7373, 1.4808

Triad

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



15.4718, 9.7373, 3.8603



4.8738, 9.7373, 4.2697



9.4123, 9.7373, 39.2878

Complementary

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



15.4718, 9.7373, 3.8603



18.4468, 25.4830, 35.3988

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.



6.6437, 9.7373, 34.4511



15.4718, 9.7373, 3.8603



4.4092, 9.7373, 11.0567

Square

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



15.4718, 9.7373, 3.8603



6.4288, 9.7373, 1.6047



4.9765, 9.7373, 22.5450



12.8076, 9.7373, 33.4774

Rectangle

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



15.4718, 9.7373, 3.8603



10.1863, 9.7373, 1.0213



4.9765, 9.7373, 22.5450



8.3823, 9.7373, 38.8423

Sweetspot

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



15.4720, 9.7379, 3.8605



44.4017, 41.5216, 39.4665



20.4675, 11.4619, 31.0113



9.4866, 8.7239, 8.1129



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.



15.4720, 9.7379, 3.8605



25.9921, 14.5400, 3.0019



19.3566, 17.5071, 5.1553



6.6518, 6.6836, 6.9251



11.3506, 5.9368, 0.5477



0.2081, 0.1164, 0.0115

Inverse Universe

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



18.4468, 25.4830, 35.3988



31.7113, 44.9711, 64.1357



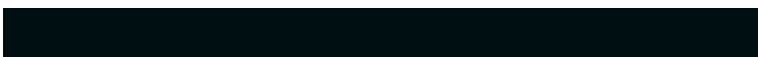
11.6249, 11.8391, 33.1248



6.8008, 7.4673, 8.4896



13.9601, 20.0117, 29.0341



0.2554, 0.3695, 0.5211

Previews

White Background



This preview shows how the XYZ color 15.4718, 9.7373, 3.8603 looks on a white background.

Color Contrast Check

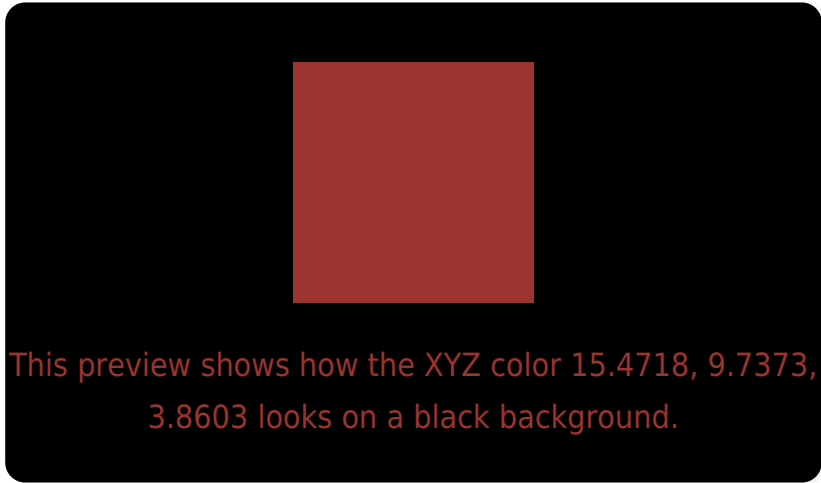
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.4718, 9.7373, 3.8603

Background



This preview shows how black text looks on a background with the XYZ color 15.4718, 9.7373, 3.8603.

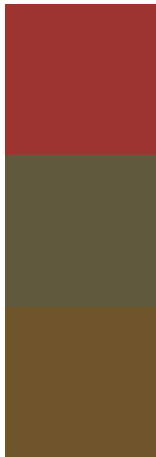


This preview shows how white text looks on a background with the XYZ color 15.4718, 9.7373,

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

15.4718, 9.7373, 3.8603

Protanopia

9.2386, 9.9685, 5.8521

Deuteranopia

10.0968, 9.9792, 3.5845



Tritanopia

15.5600, 9.7019, 4.5426

Trichromacy



Original Color

15.4718, 9.7373, 3.8603

Protanomaly

10.7695, 9.3060, 4.9700

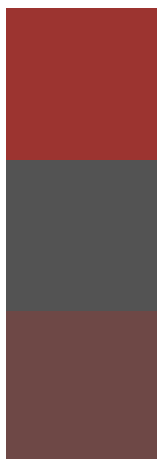
Deuteranomaly

11.5896, 9.4590, 3.5978

Tritanomaly

15.5140, 9.6835, 4.3002

Monochromacy



Original Color

15.4718, 9.7373, 3.8603

Achromatopsia

8.2219, 8.6500, 9.4199

Achromatomaly

9.8533, 8.3919, 6.8948

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4718, 9.7373, 3.8603 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(156, 52, 48)` looks like.

```
.text, #text, p{  
    color:rgb(156, 52, 48)  
}
```

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(156, 52, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 52, 48) }
```

Border

The CSS property to change the border of an element to XYZ 15.4718, 9.7373, 3.8603 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(156, 52, 48) }
```


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

```
.border{ border-color:rgb(156, 52, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 52, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 52, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 52, 48);  
box-shadow:4px 4px 4px 4px rgb(156, 52,  
48) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4718, 9.7373, 3.8603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 52, 48) }
```

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

```
.background{ background-color: rgb(156, 52,  
48) }
```

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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