

Converting Colors

XYZ(15.8748, 10.4538, 7.6875)

Have a look what the booklet for
XYZ(15.8748, 10.4538, 7.6875)
contains.

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Color

**XYZ(15.8008, 10.4015,
7.6535)**

Conversions

Conversions Part 1

Format	Color
Hex	983C4A
RGB	152, 60, 74
RGB Percent	60%, 24%, 29%
CMY	0.4039, 0.7647, 0.7098
CMYK	0.00, 0.61, 0.51, 0.40
HSL	351°, 43%, 42%
HSV	351°, 61%, 60%
XYZ	15.8008, 10.4015, 7.6535
YIQ	89.1040, 50.3380, 23.8580

Conversions

Conversions Part 2

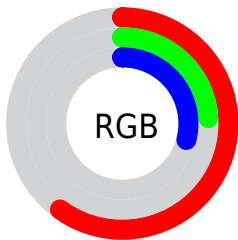
Format	Color
R_{YB}	152, 60, 74
Decimal	9976906
CIE Lab	38.55, 39.78, 11.52
CIE LCh	39, 41.416, 16.147
Yxy	10.4015, 0.4667, 0.3072
Android (android.graphics.Color)	4288166986 (0xFF983C4A)
YUV	89.1040, -7.4463, 55.1598
Hunter-Lab	32.2514, 31.0120, 8.5060

Details

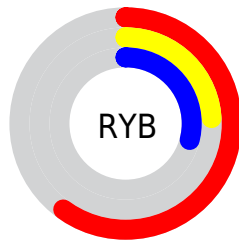
The XYZ color **15.8008, 10.4015, 7.6535** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **17.6798, 25.2524, 27.9888**, and the grayscale version is **9.5270, 10.0232, 10.9153**.

A 20% lighter version of the original color is **35.7756, 26.4757, 21.6371**, and **5.0929, 2.6291, 1.5354** is the 20% darker color. If you saturate the color by 10%, you get **14.7252, 8.8755, 5.3679**, and if you desaturate by 10%, it is **17.1946, 12.4217, 10.4843**.

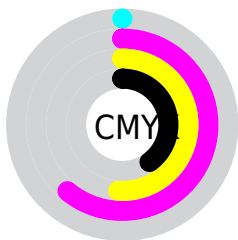
Distribution



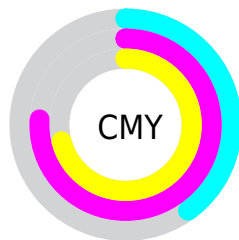
- Red (60%)
- Green (24%)
- Blue (29%)



- Red (60%)
- Yellow (24%)
- Blue (29%)



- Cyan (0%)
- Magenta (61%)
- Yellow (51%)
- Black (40%)





- Cyan (40%)
- Magenta (76%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.8008, 10.4015, 7.6535 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 15.8008, 10.4015, 7.6535 by changing the saturation by 10% instead.


 15.8008, 10.4015,
7.6535


 15.8008, 10.4015,
7.6535


221.4570,
193.5141, 182.8203


 9.4733, 5.6660,
3.7895


 35.8123, 26.5480,
21.8112


 5.1107, 2.6431,
1.5106

 50.2269, 38.7277,
32.9419


 2.3478, 0.9484,
0.2258

 68.0680, 54.1577,
47.3319

 0.8189, 0.0000,
0.0000

 89.7008, 73.2222,
65.3997

 0.0000, 0.0000,
0.0000

 115.4908, 96.3057,
87.5639

 145.8032,

123.7926, 114.2431

181.0035,
156.0673, 145.8557

■ 15.8008, 10.4015,
7.6535

■ 15.8008, 10.4015,
7.6535

■ 14.7252, 8.8755,
5.3679

■ 17.1946, 12.4217,
10.4843

■ 13.9414, 7.7993,
3.5914

■ 18.9287, 14.9720,
13.8920

■ 13.4198, 7.1238,
2.2843

■ 21.0240, 18.0869,
17.9066

■ 13.1048, 6.7378,
1.4270

■ 23.4996, 21.7976,
22.5558

■ 26.3730, 26.1328,
27.8656

■ 29.6609, 31.1196,
33.8605

■ 33.3790, 36.7834,
40.5638

■ 37.5419, 43.1481,
47.9975

■ 42.1639, 50.2366,
56.1830

Harmonies

Analogous

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



15.8749, 10.4015, 15.2983



15.8008, 10.4015, 7.6535



13.9650, 10.4015, 3.6001

Triad

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



15.8008, 10.4015, 7.6535



6.5775, 10.4015, 3.8010



8.6876, 10.4015, 32.9457

Complementary

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



15.8008, 10.4015, 7.6535



17.6798, 25.2524, 27.9888

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.



6.6909, 10.4015, 25.9021



15.8008, 10.4015, 7.6535



5.6323, 10.4015, 8.1079

Square

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



15.8008, 10.4015, 7.6535



8.5035, 10.4015, 2.1762



5.6696, 10.4015, 16.0164



11.4114, 10.4015, 32.6307

Rectangle

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



15.8008, 10.4015, 7.6535



12.1528, 10.4015, 2.4133



5.6696, 10.4015, 16.0164



7.9208, 10.4015, 31.2581

Sweetspot

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



15.8011, 10.4021, 7.6537



42.5204, 40.0422, 41.7492



17.5457, 10.7895, 30.8636



9.3703, 8.6587, 8.9423



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.



15.8011, 10.4021, 7.6537



25.3937, 14.8358, 8.1497



17.4776, 14.4276, 6.1393



6.2452, 6.2372, 6.6714



10.9959, 5.6526, 1.2375



0.1729, 0.0879, 0.0636

Inverse Universe

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



15.8011, 10.4021, 7.6537



25.3937, 14.8358, 8.1497



14.4094, 16.9841, 32.2245



6.2452, 6.2372, 6.6714



10.9959, 5.6526, 1.2375



0.1729, 0.0879, 0.0636

Previews

White Background



This preview shows how the XYZ color 15.8008, 10.4015, 7.6535 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 15.8008, 10.4015, 7.6535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

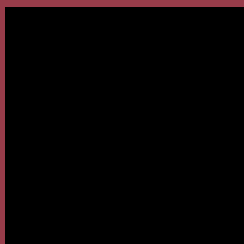
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.8008, 10.4015, 7.6535

Background



This preview shows how black text looks on a background with the XYZ color 15.8008, 10.4015, 7.6535.



This preview shows how white text looks on a background with the XYZ color 15.8008, 10.4015,

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

15.8008, 10.4015, 7.6535

Protanopia

10.2026, 10.6000, 11.1811

Deuteranopia

10.7796, 10.6098, 7.2741



Tritanopia

15.4393, 10.4062, 6.1959

Trichromacy



Original Color

15.8008, 10.4015, 7.6535

Protanomaly

11.5391, 10.0223, 9.7138

Deuteranomaly

12.1739, 10.1888, 7.2862

Tritanomaly

15.4746, 10.3342, 6.6479

Monochromacy



Original Color

15.8008, 10.4015, 7.6535

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

11.0067, 9.5336, 9.6476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8008, 10.4015, 7.6535 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(152, 60, 74)` looks like.

```
.text, #text, p{  
    color:rgb(152, 60, 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(152, 60, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 60, 74) }
```

Border

The CSS property to change the border of an element to XYZ 15.8008, 10.4015, 7.6535 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(152, 60, 74) }
```


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

```
.border{ border-color:rgb(152, 60, 74) }
```

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

Here you see how a box with a 4 pixel rgb(152, 60, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 60, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 60, 74);  
box-shadow:4px 4px 4px 4px rgb(152, 60,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8008, 10.4015, 7.6535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 60, 74) }
```

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

```
.background{ background-color: rgb(152, 60,  
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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