

Converting Colors

XYZ(15.4015, 10.4154, 8.5958)

Have a look what the booklet for
XYZ(15.4015, 10.4154, 8.5958)
contains.

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Color

**XYZ(15.4015, 10.4154,
8.5958)**

Conversions

Conversions Part 1

Format	Color
Hex	943F4F
RGB	148, 63, 79
RGB Percent	58%, 25%, 31%
CMY	0.4196, 0.7529, 0.6902
CMYK	0.00, 0.57, 0.47, 0.42
HSL	349°, 40%, 41%
HSV	349°, 57%, 58%
XYZ	15.4015, 10.4154, 8.5958
YIQ	90.2390, 45.5240, 22.9960

Conversions

Conversions Part 2

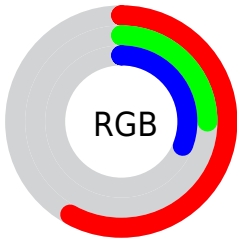
Format	Color
R_{YB}	148, 63, 79
Decimal	9715535
CIE Lab	38.58, 37.34, 8.30
CIE LCh	39, 38.253, 12.536
Yxy	10.4154, 0.4476, 0.3027
Android (android.graphics.Color)	4287905615 (0xFF943F4F)
YUV	90.2390, -5.5408, 50.6564
Hunter-Lab	32.2729, 28.7075, 6.7993

Details

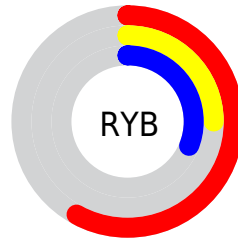
The XYZ color **15.4015, 10.4154, 8.5958** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **16.8052, 23.9027, 25.5591**, and the grayscale version is **9.7771, 10.2863, 11.2018**.

A 20% lighter version of the original color is **35.0904, 26.5723, 23.7016**, and **4.9153, 2.6439, 1.8414** is the 20% darker color. If you saturate the color by 10%, you get **14.2907, 8.8317, 6.2595**, and if you desaturate by 10%, it is **16.8122, 12.4726, 11.4223**.

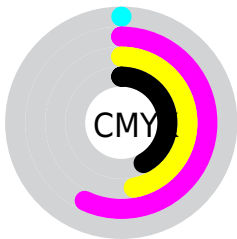
Distribution



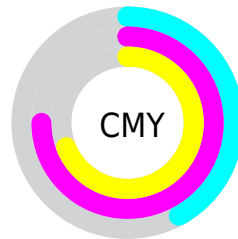
- Red (58%)
- Green (25%)
- Blue (31%)



- Red (58%)
- Yellow (25%)
- Blue (31%)



- Cyan (0%)
- Magenta (57%)
- Yellow (47%)
- Black (42%)





- Cyan (42%)
- Magenta (75%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.4015, 10.4154, 8.5958 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 15.4015, 10.4154, 8.5958 by changing the saturation by 10% instead.


 15.4015, 10.4154,
8.5958

 15.4015, 10.4154,
8.5958


219.1242,
193.6117, 190.4390


 9.1898, 5.6752,
4.3853


 35.1219, 26.5739,
23.6836


 4.9233, 2.6486,
1.8390

 49.3613, 38.7611,
35.3980


 2.2366, 0.9512,
0.4535

 67.0074, 54.1994,
50.4507

 0.7619, 0.0000,
0.0000

 88.4254, 73.2733,
69.2604

 0.0000, 0.0000,
0.0000

 113.9807, 96.3670,
92.2455

 144.0387,

123.8651, 119.8246

178.9648,
156.1518, 152.4163

■ 15.4015, 10.4154,
8.5958

■ 15.4015, 10.4154,
8.5958

■ 14.2907, 8.8317,
6.2595

■ 16.8122, 12.4726,
11.4223

■ 13.4568, 7.6818,
4.3843

■ 18.5421, 15.0353,
14.7647

■ 12.8742, 6.9225,
2.9390

■ 20.6098, 18.1347,
18.6472

■ 12.5005, 6.4771,
1.8837

■ 23.0320, 21.7991,
23.0927

■ 12.4205, 6.3790,
1.6661

■ 25.8246, 26.0548,
28.1224

■ 29.0024, 30.9263,
33.7567

■ 32.5792, 36.4367,
40.0148

■ 36.5684, 42.6082,
46.9150

■ 40.9826, 49.4616,
54.4752

Harmonies

Analogous

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



15.2576, 10.4154, 16.0183



15.4015, 10.4154, 8.5958



13.9014, 10.4154, 4.3247

Triad

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



15.4015, 10.4154, 8.5958



6.9805, 10.4154, 3.8974



8.5198, 10.4154, 30.3109

Complementary

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



15.4015, 10.4154, 8.5958



16.8052, 23.9027, 25.5591

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.



6.7504, 10.4154, 23.4958



15.4015, 10.4154, 8.5958



5.9705, 10.4154, 7.6757

Square

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



15.4015, 10.4154, 8.5958



8.8879, 10.4154, 2.4886



5.8941, 10.4154, 14.6151



10.9851, 10.4154, 30.9076

Rectangle

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



15.4015, 10.4154, 8.5958



12.2980, 10.4154, 2.9631



5.8941, 10.4154, 14.6151



7.8352, 10.4154, 28.5711

Sweetspot

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



15.4018, 10.4160, 8.5960



40.6803, 38.5263, 40.8210



16.4832, 10.5190, 29.1784



9.1010, 8.5133, 8.9811



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.



15.4018, 10.4160, 8.5960



24.7326, 14.9084, 9.9867



16.6412, 13.7172, 6.4739



5.8428, 5.8322, 6.2781



10.6172, 5.4519, 1.4650



0.1382, 0.0700, 0.0614

Inverse Universe

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



15.4018, 10.4160, 8.5960



24.7326, 14.9084, 9.9867



14.4167, 17.2375, 30.5842



5.8428, 5.8322, 6.2781



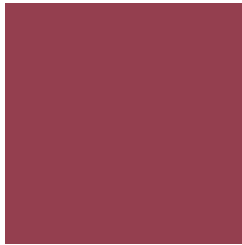
10.6172, 5.4519, 1.4650



0.1382, 0.0700, 0.0614

Previews

White Background



This preview shows how the XYZ color 15.4015, 10.4154, 8.5958 looks on a white background.

Color Contrast Check

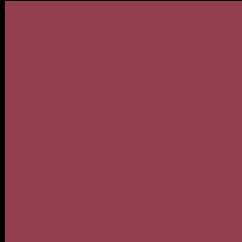
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.4015, 10.4154, 8.5958 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 15.4015, 10.4154, 8.5958

Background



This preview shows how black text looks on a background with the XYZ color 15.4015, 10.4154, 8.5958.



This preview shows how white text looks on a background with the XYZ color 15.4015, 10.4154,

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

15.4015, 10.4154, 8.5958

Protanopia

10.1751, 10.5656, 12.0928

Deuteranopia

10.7036, 10.5516, 8.1291



Tritanopia

14.9971, 10.4133, 6.8498

Trichromacy



Original Color

15.4015, 10.4154, 8.5958

Protanomaly

11.4277, 10.0509, 10.7889

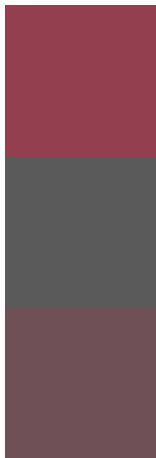
Deuteranomaly

11.9856, 10.1787, 8.1705

Tritanomaly

15.0686, 10.3509, 7.5070

Monochromacy



Original Color

15.4015, 10.4154, 8.5958

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

11.1039, 9.7887, 10.1083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4015, 10.4154, 8.5958 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, 63, 79)` looks like.

```
.text, #text, p{  
    color:rgb(148, 63, 79)  
}
```

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, 63, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 63, 79) }
```

Border

The CSS property to change the border of an element to XYZ 15.4015, 10.4154, 8.5958 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, 63, 79) }
```


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

```
.border{ border-color:rgb(148, 63, 79) }
```

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

Here you see how a box with a 4 pixel rgb(148, 63, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 63, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 63, 79);  
box-shadow:4px 4px 4px 4px rgb(148, 63,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4015, 10.4154, 8.5958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 63, 79) }
```

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

```
.background{ background-color: rgb(148, 63,  
79) }
```

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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