

Converting Colors

XYZ(13.9538, 9.3513, 5.0725)

Have a look what the booklet for
XYZ(13.9538, 9.3513, 5.0725)
contains.

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Color

**XYZ(13.9538, 9.3513,
5.0725)**

Conversions

Conversions Part 1	
Format	Color
Hex	913A3A
RGB	145, 58, 58
RGB Percent	57%, 23%, 23%
CMY	0.4314, 0.7725, 0.7725
CMYK	0.00, 0.60, 0.60, 0.43
HSL	0°, 43%, 40%
HSV	0°, 60%, 57%
XYZ	13.9538, 9.3513, 5.0725
YIQ	84.0130, 51.8520, 18.4440

Conversions

Conversions Part 2

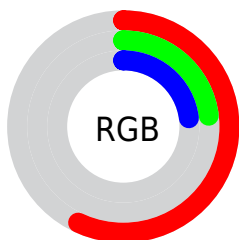
Format	Color
RYB	145, 58, 58
Decimal	9517626
CIELab	36.65, 36.82, 18.82
CIELCh	37, 41.348, 27.068
Yxy	9.3513, 0.4917, 0.3295
Android (android.graphics.Color)	4287707706 (0xFF913A3A)
YUV	84.0130, -12.8244, 53.4856
Hunter-Lab	30.5799, 27.9359, 11.5711

Details

The XYZ color **13.9538, 9.3513, 5.0725** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **16.9804, 23.1932, 30.3697**, and the grayscale version is **8.4480, 8.8879, 9.6789**.

A 20% lighter version of the original color is **32.6470, 24.6537, 16.4026**, and **4.2459, 2.2264, 0.6962** is the 20% darker color. If you saturate the color by 10%, you get **13.0047, 7.9626, 3.1854**, and if you desaturate by 10%, it is **15.2132, 11.1943, 7.5757**.

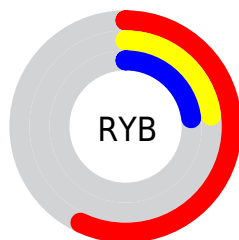
Distribution



Red (57%)

Green (23%)

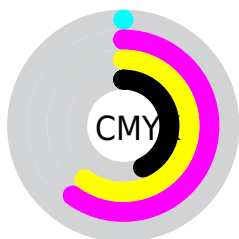
Blue (23%)



Red (57%)

Yellow (23%)

Blue (23%)

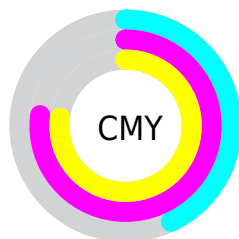


Cyan (0%)

Magenta (60%)

Yellow (60%)

Black (43%)



Cyan (43%)

Magenta (77%)


Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.9538, 9.3513, 5.0725 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 13.9538, 9.3513, 5.0725 by changing the saturation by 10% instead.

 13.9538, 9.3513,
5.0725


 13.9538, 9.3513,
5.0725


210.4596,
185.9774, 159.4896


 8.1700, 4.9710,
2.2304


 32.5940, 24.5680,
16.4162


 4.2567, 2.2303,
0.6918

 46.1811, 36.1732,
25.7548


 1.8483, 0.7364,
0.0000

 63.1000, 50.9555,
38.0960

 0.5465, 0.0000,
0.0000

 83.7162, 69.2993,
53.8583


 0.0000, 0.0000,
0.0000


 108.3948, 91.5890,
73.4603

 137.5014,


118.2090, 97.3205


171.4012,
149.5436, 125.8574


 13.9538, 9.3513,
5.0725


 13.9538, 9.3513,
5.0725


 13.0047, 7.9626,
3.1854


 15.2132, 11.1943,
7.5757


 12.3383, 6.9875,
1.8608


 16.8058, 13.5248,
10.7417


 11.9236, 6.3807,
1.0366

 18.7532, 16.3744,
14.6130

 11.6771, 6.0199,
0.5465

 21.0750, 19.7719,
19.2286

 11.6771, 6.0199,
0.5465

 23.7894, 23.7437,
24.6247

■ 26.9133, 28.3149,
30.8350

■ 30.4627, 33.5087,
37.8912

■ 34.4528, 39.3472,
45.8234

■ 38.8978, 45.8516,
54.6602

Harmonies

Analogous

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



14.6761, 9.3513, 10.9104



13.9538, 9.3513, 5.0725



11.7994, 9.3513, 2.3999

Triad

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



13.9538, 9.3513, 5.0725



5.4025, 9.3513, 4.3366



8.6419, 9.3513, 31.3555

Complementary

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



13.9538, 9.3513, 5.0725



16.9804, 23.1932, 30.3697

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.



6.5000, 9.3513, 26.8923



13.9538, 9.3513, 5.0725



4.8657, 9.3513, 9.4867

Square

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



13.9538, 9.3513, 5.0725



6.8557, 9.3513, 2.1384



5.2261, 9.3513, 17.9158



11.2871, 9.3513, 28.2752

Rectangle

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



13.9538, 9.3513, 5.0725



10.0203, 9.3513, 1.7508



5.2261, 9.3513, 17.9158



7.8446, 9.3513, 30.6524

Sweetspot

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



13.9540, 9.3518, 5.0727



38.4834, 36.4930, 35.9089



18.3009, 11.0902, 27.9640



8.2962, 7.7307, 7.4618



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



13.9540, 9.3518, 5.0727



22.8167, 13.5680, 4.7647



17.1431, 15.7300, 6.1357



5.4089, 5.4241, 5.6513



10.0159, 5.1635, 0.4688



0.0958, 0.0494, 0.0045

Inverse Universe

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



16.9804, 23.1932, 30.3697



28.7439, 40.6767, 54.3100



11.5581, 12.3486, 28.5623



5.5603, 6.1163, 6.9163



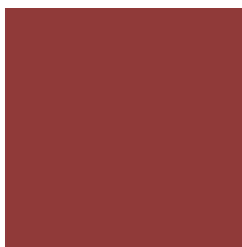
13.0677, 19.1213, 25.9791



0.1249, 0.1828, 0.2484

Previews

White Background



This preview shows how the XYZ color 13.9538, 9.3513, 5.0725 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



This preview shows how the XYZ color 13.9538, 9.3513, 5.0725 looks on a 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 13.9538, 9.3513, 5.0725

Background



This preview shows how black text looks on a background with the XYZ color 13.9538, 9.3513, 5.0725.

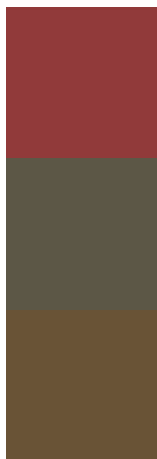


This preview shows how white text looks on a background with the XYZ color 13.9538, 9.3513,

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

13.9538, 9.3513, 5.0725

Protanopia

8.9273, 9.5339, 7.1641

Deuteranopia

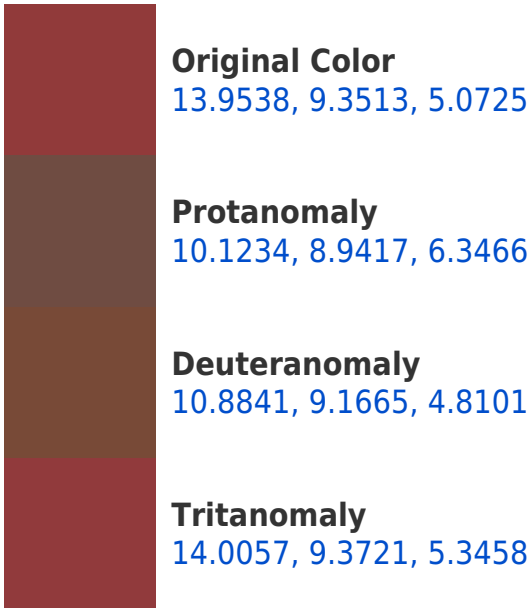
9.5848, 9.4561, 4.8101



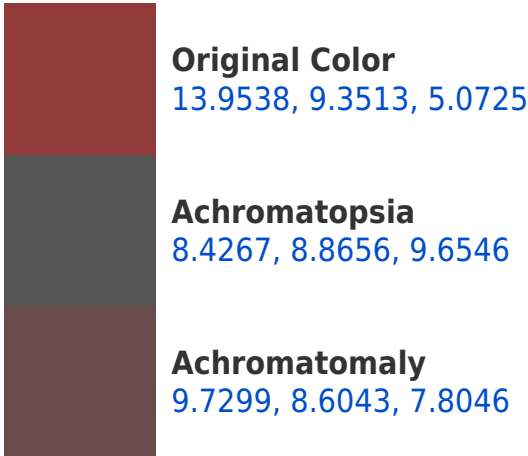
Tritanopia

14.0324, 9.3828, 5.4863

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9538, 9.3513, 5.0725 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(145, 58, 58)` looks like.

```
.text, #text, p{  
    color:rgb(145, 58, 58)  
}
```

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(145, 58, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 58, 58) }
```

Border

The CSS property to change the border of an element to XYZ 13.9538, 9.3513, 5.0725 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(145, 58, 58) }
```


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

```
.border{ border-color:rgb(145, 58, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 58, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 58, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 58, 58);  
box-shadow:4px 4px 4px 4px rgb(145, 58,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9538, 9.3513, 5.0725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 58, 58) }
```

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

```
.background{ background-color: rgb(145, 58,  
58) }
```

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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