

Converting Colors

XYZ(14.3538, 9.8466, 6.1451)

Have a look what the booklet for
XYZ(14.3538, 9.8466, 6.1451)
contains.

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Color

**XYZ(14.3538, 9.8466,
6.1451)**

Conversions

Conversions Part 1

Format	Color
Hex	913E41
RGB	145, 62, 65
RGB Percent	57%, 24%, 25%
CMY	0.4314, 0.7568, 0.7451
CMYK	0.00, 0.57, 0.55, 0.43
HSL	358°, 40%, 41%
HSV	358°, 57%, 57%
XYZ	14.3538, 9.8466, 6.1451
YIQ	87.1590, 48.5050, 18.5290

Conversions

Conversions Part 2

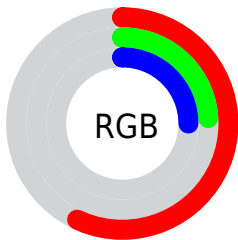
Format	Color
RYB	145, 62, 65
Decimal	9518657
CIELab	37.57, 35.38, 15.64
CIELCh	38, 38.680, 23.848
Yxy	9.8466, 0.4730, 0.3245
Android (android.graphics.Color)	4287708737 (0xFF913E41)
YUV	87.1590, -10.9244, 50.7266
Hunter-Lab	31.3793, 26.7373, 10.3546

Details

The XYZ color **14.3538, 9.8466, 6.1451** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **16.9950, 23.2281, 29.1804**, and the grayscale version is **9.1091, 9.5835, 10.4365**.

A 20% lighter version of the original color is **33.2429, 25.5591, 18.8041**, and **4.4688, 2.4309, 1.0443** is the 20% darker color. If you saturate the color by 10%, you get **13.3119, 8.3326, 4.0415**, and if you desaturate by 10%, it is **15.7068, 11.8226, 8.8469**.

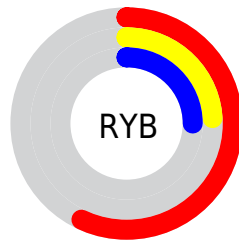
Distribution



Red (57%)

Green (24%)

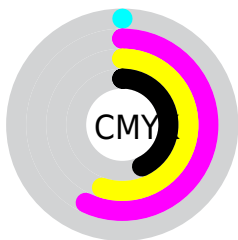
Blue (25%)



Red (57%)

Yellow (24%)

Blue (25%)

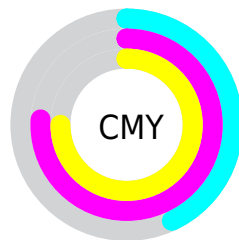


Cyan (0%)

Magenta (57%)

Yellow (55%)

Black (43%)



Cyan (43%)


Magenta (76%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.3538, 9.8466, 6.1451 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 14.3538, 9.8466, 6.1451 by changing the saturation by 10% instead.


 14.3538, 9.8466,
6.1451


 14.3538, 9.8466,
6.1451


212.8877,
189.5737, 169.7101


 8.4505, 5.2974,
2.8633


 33.2965, 25.5066,
18.7142


 4.4388, 2.4228,
1.0253

 47.0667, 37.3861,
28.8385


 1.9532, 0.8376,
0.0000

 64.1898, 52.4778,
42.0808

 0.6075, 0.0000,
0.0000

 85.0313, 71.1662,
58.8595

 0.0000, 0.0000,
0.0000

 109.9564, 93.8356,
79.5933

 139.3307,

120.8704, 104.7006

173.5193,
152.6549, 134.6000

■ 14.3538, 9.8466,
6.1451

■ 14.3538, 9.8466,
6.1451

■ 13.3119, 8.3326,
4.0415

■ 15.7068, 11.8226,
8.8469

■ 12.5557, 7.2416,
2.4902

■ 17.3922, 14.2922,
12.1872

■ 12.0570, 6.5310,
1.4395

■ 19.4303, 17.2860,
16.2031

■ 11.7703, 6.1266,
0.8233

■ 21.8395, 20.8319,
20.9291

■ 11.7057, 6.0312,
0.6975

■ 24.6370, 24.9557,
26.3971

■ 27.8388, 29.6815,
32.6370

■ 31.4602, 35.0321,
39.6773

■ 35.5155, 41.0291,
47.5448

■ 40.0184, 47.6932,
56.2654

Harmonies

Analogous

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



14.8576, 9.8466, 12.2307



14.3538, 9.8466, 6.1451



12.4170, 9.8466, 3.1079

Triad

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



14.3538, 9.8466, 6.1451



6.0515, 9.8466, 4.5761



8.8638, 9.8466, 30.4657

Complementary

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



14.3538, 9.8466, 6.1451



16.9950, 23.2281, 29.1804

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.



6.8493, 9.8466, 25.6914



14.3538, 9.8466, 6.1451



5.4180, 9.8466, 9.3414

Square

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



14.3538, 9.8466, 6.1451



7.5831, 9.8466, 2.5175



5.6824, 9.8466, 17.1419



11.3923, 9.8466, 28.3643

Rectangle

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



14.3538, 9.8466, 6.1451



10.7293, 9.8466, 2.2894



5.6824, 9.8466, 17.1419



8.1104, 9.8466, 29.5636

Sweetspot

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



14.3540, 9.8471, 6.1453



39.0574, 37.2274, 37.3752



17.7927, 11.1397, 28.0004



8.5109, 8.0198, 7.9663



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.



14.3540, 9.8471, 6.1453



23.3529, 14.2181, 6.2451



17.0419, 15.3582, 6.6243



5.4163, 5.4270, 5.6901



10.0426, 5.1740, 0.6095



0.0973, 0.0500, 0.0124

Inverse Universe

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



14.3540, 9.8471, 6.1453



23.3529, 14.2181, 6.2451



12.4236, 13.7205, 28.7815



5.4163, 5.4270, 5.6901



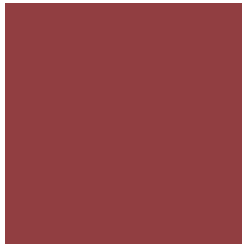
10.0426, 5.1740, 0.6095



0.0973, 0.0500, 0.0124

Previews

White Background



This preview shows how the XYZ color 14.3538, 9.8466, 6.1451 looks on a white background.

Color Contrast Check

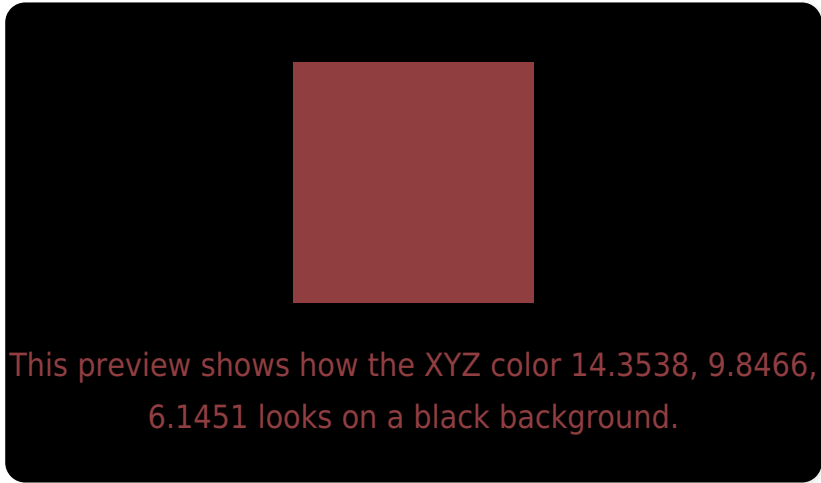
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.3538, 9.8466, 6.1451

Background



This preview shows how black text looks on a background with the XYZ color 14.3538, 9.8466, 6.1451.



This preview shows how white text looks on a background with the XYZ color 14.3538, 9.8466,

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

14.3538, 9.8466, 6.1451

Protanopia

9.4261, 10.0077, 8.4561

Deuteranopia

10.1542, 9.9597, 5.8021



Tritanopia

14.3830, 9.8583, 6.2990

Trichromacy



Original Color

14.3538, 9.8466, 6.1451

Protanomaly

10.6807, 9.5177, 7.5775

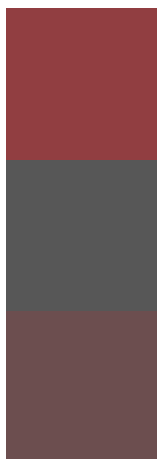
Deuteranomaly

11.4085, 9.7205, 5.8324

Tritanomaly

14.3830, 9.8583, 6.2990

Monochromacy



Original Color

14.3538, 9.8466, 6.1451

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

10.3200, 9.2014, 8.6293

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3538, 9.8466, 6.1451 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, 62, 65)` looks like.

```
.text, #text, p{  
    color:rgb(145, 62, 65)  
}
```

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, 62, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 62, 65) }
```

Border

The CSS property to change the border of an element to XYZ 14.3538, 9.8466, 6.1451 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, 62, 65) }
```


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

```
.border{ border-color:rgb(145, 62, 65) }
```

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

Here you see how a box with a 4 pixel rgb(145, 62, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 62, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 62, 65);  
box-shadow:4px 4px 4px 4px rgb(145, 62,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3538, 9.8466, 6.1451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 62, 65) }
```

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

```
.background{ background-color: rgb(145, 62,  
65) }
```

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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