

Converting Colors

XYZ(14.0642, 9.5332, 4.9288)

Have a look what the booklet for
XYZ(14.0642, 9.5332, 4.9288)
contains.

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Color

**XYZ(14.0314, 9.5469,
4.9741)**

Conversions

Conversions Part 1

Format	Color
Hex	913C39
RGB	145, 60, 57
RGB Percent	57%, 24%, 22%
CMY	0.4314, 0.7647, 0.7765
CMYK	0.00, 0.59, 0.61, 0.43
HSL	2°, 44%, 40%
HSV	2°, 61%, 57%
XYZ	14.0314, 9.5469, 4.9741
YIQ	85.0730, 51.6230, 17.0870

Conversions

Conversions Part 2

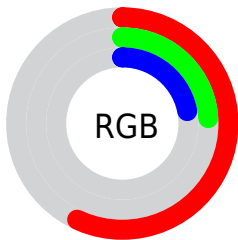
Format	Color
R_{YB}	145, 60, 57
Decimal	9518137
CIE Lab	37.02, 35.74, 19.91
CIE LCh	37, 40.909, 29.127
Yxy	9.5469, 0.4914, 0.3344
Android (android.graphics.Color)	4287708217 (0xFF913C39)
YUV	85.0730, -13.8400, 52.5560
Hunter-Lab	30.8981, 26.9887, 12.0839

Details

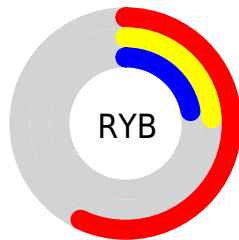
The XYZ color **14.0314, 9.5469, 4.9741** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **16.4703, 22.2584, 30.2160**, and the grayscale version is **8.6708, 9.1224, 9.9343**.

A 20% lighter version of the original color is **32.7032, 24.8478, 16.1692**, and **4.2712, 2.2886, 0.6686** is the 20% darker color. If you saturate the color by 10%, you get **13.0809, 8.1445, 3.1204**, and if you desaturate by 10%, it is **15.2799, 11.3800, 7.4370**.

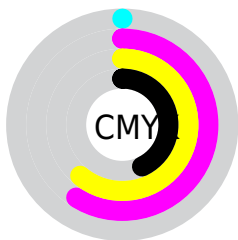
Distribution



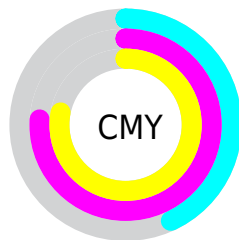
- Red (57%)
- Green (24%)
- Blue (22%)



- Red (57%)
- Yellow (24%)
- Blue (22%)



- Cyan (0%)
- Magenta (59%)
- Yellow (61%)
- Black (43%)




- Cyan (43%)
- Magenta (76%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.0314, 9.5469, 4.9741 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 14.0314, 9.5469, 4.9741 by changing the saturation by 10% instead.


 14.0314, 9.5469,
4.9741


 14.0314, 9.5469,
4.9741


210.9328,
187.4069, 158.5050


 8.2244, 5.0996,
2.1736


 32.7305, 24.9397,
16.2004


 4.2919, 2.3058,
0.6591

 46.3533, 36.6540,
25.4633


 1.8685, 0.7768,
0.0000

 63.3121, 51.5594,
37.7174

 0.5584, 0.0000,
0.0000

 83.9722, 70.0403,
53.3812

 0.0000, 0.0000,
0.0000

 108.6989, 92.4811,
72.8734

 137.8577,

119.2662, 96.6124

171.8139,
150.7800, 125.0167

■ 14.0314, 9.5469,
4.9741

■ 14.0314, 9.5469,
4.9741

■ 13.0809, 8.1445,
3.1204

■ 15.2799, 11.3800,
7.4370

■ 12.4030, 7.1363,
1.8224

■ 16.8476, 13.6735,
10.5555

■ 11.9690, 6.4824,
1.0183

■ 18.7548, 16.4562,
14.3718

■ 11.7307, 6.1272,
0.5644

■ 21.0197, 19.7540,
18.9248

■ 23.6593, 23.5911,
24.2502

■ 26.6894, 27.9902,
30.3816

■ 30.1252, 32.9726,
37.3505

■ 33.9806, 38.5585,
45.1868

■ 38.2693, 44.7673,
53.9188

Harmonies

Analogous

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



14.8709, 9.5469, 10.6091



14.0314, 9.5469, 4.9741



11.8114, 9.5469, 2.4283

Triad

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



14.0314, 9.5469, 4.9741



5.5011, 9.5469, 4.7521



9.0000, 9.5469, 31.5259

Complementary

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



14.0314, 9.5469, 4.9741



16.4703, 22.2584, 30.2160

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.



6.7961, 9.5469, 27.5644



14.0314, 9.5469, 4.9741



5.0215, 9.5469, 10.1837

Square

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



14.0314, 9.5469, 4.9741



6.9027, 9.5469, 2.3485



5.4481, 9.5469, 18.7754



11.6587, 9.5469, 27.9740

Rectangle

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



14.0314, 9.5469, 4.9741



10.0247, 9.5469, 1.8304



5.4481, 9.5469, 18.7754



8.1855, 9.5469, 31.0072

Sweetspot

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



14.0316, 9.5474, 4.9743



38.6767, 36.8795, 35.9733



18.0275, 10.9010, 26.7711



8.3434, 7.8251, 7.4776



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.



14.0316, 9.5474, 4.9743



22.9058, 13.8139, 4.5852



17.3591, 16.2023, 6.0834



5.4227, 5.4518, 5.6559



10.0659, 5.2635, 0.4854



0.0986, 0.0550, 0.0054

Inverse Universe

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



16.4703, 22.2584, 30.2160



27.6550, 38.6428, 53.9748



11.1721, 11.6620, 28.4499



5.5447, 6.0852, 6.9111



12.4377, 17.8613, 25.7691



0.1221, 0.1772, 0.2474

Previews

White Background



This preview shows how the XYZ color 14.0314, 9.5469, 4.9741 looks on a white background.

Color Contrast Check

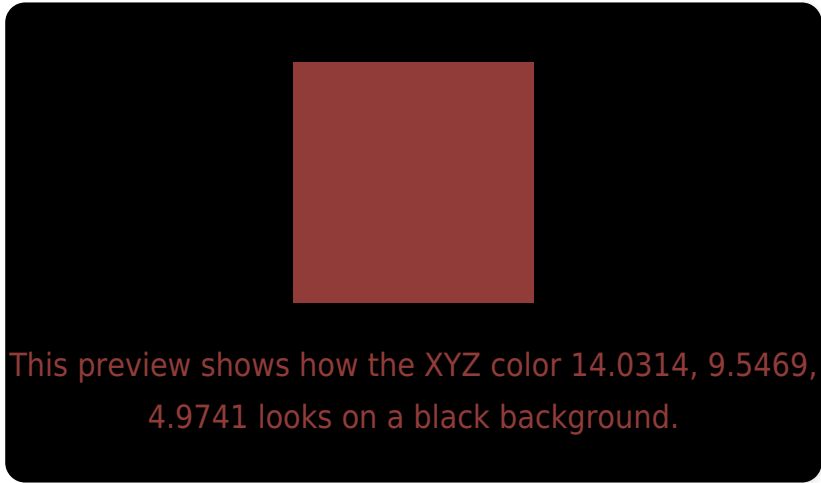
Large Text (above 18pt) WCAG AA ✓ Pass

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

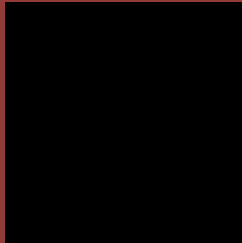
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.0314, 9.5469, 4.9741

Background



This preview shows how black text looks on a background with the XYZ color 14.0314, 9.5469, 4.9741.

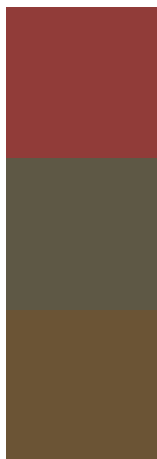


This preview shows how white text looks on a background with the XYZ color 14.0314, 9.5469,

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

14.0314, 9.5469, 4.9741

Protanopia

9.1800, 9.7888, 7.0358

Deuteranopia

9.8763, 9.7235, 4.7244



Tritanopia

14.1382, 9.5066, 5.7924

Trichromacy



Original Color

14.0314, 9.5469, 4.9741

Protanomaly

10.4886, 9.3411, 6.2512

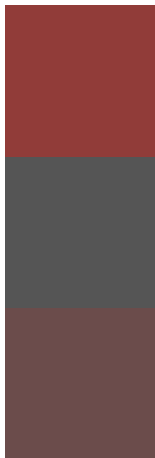
Deuteranomaly

11.0671, 9.3634, 4.7141

Tritanomaly

14.0833, 9.4846, 5.5033

Monochromacy



Original Color

14.0314, 9.5469, 4.9741

Achromatopsia

8.6345, 9.0842, 9.8927

Achromatomaly

9.9178, 8.8027, 7.8330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0314, 9.5469, 4.9741 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, 60, 57)` looks like.

```
.text, #text, p{  
    color:rgb(145, 60, 57)  
}
```

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, 60, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 60, 57) }
```

Border

The CSS property to change the border of an element to XYZ 14.0314, 9.5469, 4.9741 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, 60, 57) }
```


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

```
.border{ border-color:rgb(145, 60, 57) }
```

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

Here you see how a box with a 4 pixel rgb(145, 60, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 60, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 60, 57);  
box-shadow:4px 4px 4px 4px rgb(145, 60,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0314, 9.5469, 4.9741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 60, 57) }
```

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

```
.background{ background-color: rgb(145, 60,  
57) }
```

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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