

Converting Colors

XYZ(14.3387, 9.6722, 7.7392)

Have a look what the booklet for
XYZ(14.3387, 9.6722, 7.7392)
contains.

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Color

**XYZ(14.3875, 9.6690,
7.7646)**

Conversions

Conversions Part 1

Format	Color
Hex	903C4B
RGB	144, 60, 75
RGB Percent	56%, 24%, 29%
CMY	0.4353, 0.7647, 0.7059
CMYK	0.00, 0.58, 0.48, 0.44
HSL	349°, 41%, 40%
HSV	349°, 58%, 56%
XYZ	14.3875, 9.6690, 7.7646
YIQ	86.8260, 45.2490, 22.4730

Conversions

Conversions Part 2

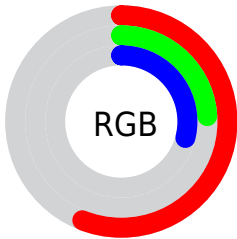
Format	Color
R_{YB}	144, 60, 75
Decimal	9452619
CIE _{Lab}	37.24, 36.98, 8.86
CIE _{LCh}	37, 38.029, 13.471
Yxy	9.6690, 0.4521, 0.3039
Android (android.graphics.Color)	4287642699 (0xFF903C4B)
YUV	86.8260, -5.8302, 50.1416
Hunter-Lab	31.0950, 28.1747, 6.9615

Details

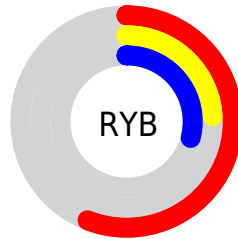
The XYZ color **14.3875, 9.6690, 7.7646** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **15.7998, 22.4925, 24.2791**, and the grayscale version is **9.0273, 9.4975, 10.3427**.

A 20% lighter version of the original color is **33.4099, 25.2416, 22.1800**, and **4.4214, 2.3313, 1.5133** is the 20% darker color. If you saturate the color by 10%, you get **13.3653, 8.2133, 5.6087**, and if you desaturate by 10%, it is **15.6909, 11.5664, 10.3859**.

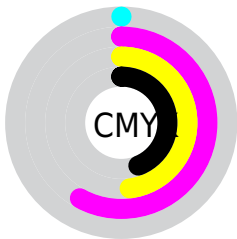
Distribution



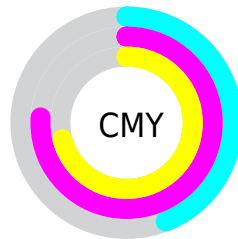
- Red (56%)
- Green (24%)
- Blue (29%)



- Red (56%)
- Yellow (24%)
- Blue (29%)



- Cyan (0%)
- Magenta (58%)
- Yellow (48%)
- Black (44%)





- Cyan (44%)
- Magenta (76%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.3875, 9.6690, 7.7646 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 14.3875, 9.6690, 7.7646 by changing the saturation by 10% instead.


 14.3875, 9.6690,
7.7646


 14.3875, 9.6690,
7.7646


213.0910,
188.2931, 183.7389


 8.4742, 5.1801,
3.8591


 33.3556, 25.1710,
22.0342


 4.4542, 2.3533,
1.5484

 47.1410, 36.9529,
33.2353


 1.9621, 0.8017,
0.2536

 64.2812, 51.9346,
47.7054

 0.6126, 0.0000,
0.0000

 85.1416, 70.5004,
65.8629

 0.0000, 0.0000,
0.0000

 110.0874, 93.0347,
88.1265

 139.4840,

119.9220, 114.9147

173.6967,
151.5467, 146.6460

■ 14.3875, 9.6690,
7.7646

■ 14.3875, 9.6690,
7.7646

■ 13.3653, 8.2133,
5.6087

■ 15.6909, 11.5664,
10.3859

■ 12.6021, 7.1620,
3.8899

■ 17.2936, 13.9359,
13.4975

■ 12.0738, 6.4741,
2.5776

■ 19.2134, 16.8070,
17.1229

■ 11.7336, 6.0638,
1.6309

■ 21.4661, 20.2063,
21.2843

■ 11.6848, 6.0026,
1.5030

■ 24.0668, 24.1584,
26.0024

■ 27.0294, 28.6866,
31.2966

■ 30.3672, 33.8128,
37.1856

■ 34.0926, 39.5575,
43.6873

■ 38.2177, 45.9405,
50.8186

Harmonies

Analogous

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



14.3026, 9.6690, 14.7064



14.3875, 9.6690, 7.7646



12.9204, 9.6690, 3.8480

Triad

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



14.3875, 9.6690, 7.7646



6.3917, 9.6690, 3.6010



7.9506, 9.6690, 28.7127

Complementary

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



14.3875, 9.6690, 7.7646



15.7998, 22.4925, 24.2791

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.



6.2573, 9.6690, 22.3391



14.3875, 9.6690, 7.7646



5.4692, 9.6690, 7.2269

Square

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



14.3875, 9.6690, 7.7646



8.1664, 9.6690, 2.2415



5.4247, 9.6690, 13.8795



10.2960, 9.6690, 29.0669

Rectangle

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



14.3875, 9.6690, 7.7646



11.3855, 9.6690, 2.6243



5.4247, 9.6690, 13.8795



7.2968, 9.6690, 27.1097

Sweetspot

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



14.3877, 9.6695, 7.7648



38.2839, 36.2795, 38.3133



15.6429, 9.8818, 27.4685



8.6066, 8.0581, 8.4701



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.



14.3877, 9.6695, 7.7648



23.1081, 13.8373, 8.8708



15.6935, 13.0079, 5.9592



5.4458, 5.4388, 5.8454



10.1820, 5.2298, 1.3440



0.1032, 0.0524, 0.0439

Inverse Universe

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



14.3877, 9.6695, 7.7648



23.1081, 13.8373, 8.8708



13.3060, 15.7908, 28.7323



5.4458, 5.4388, 5.8454



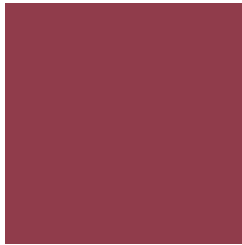
10.1820, 5.2298, 1.3440



0.1032, 0.0524, 0.0439

Previews

White Background



This preview shows how the XYZ color 14.3875, 9.6690, 7.7646 looks on a white background.

Color Contrast Check

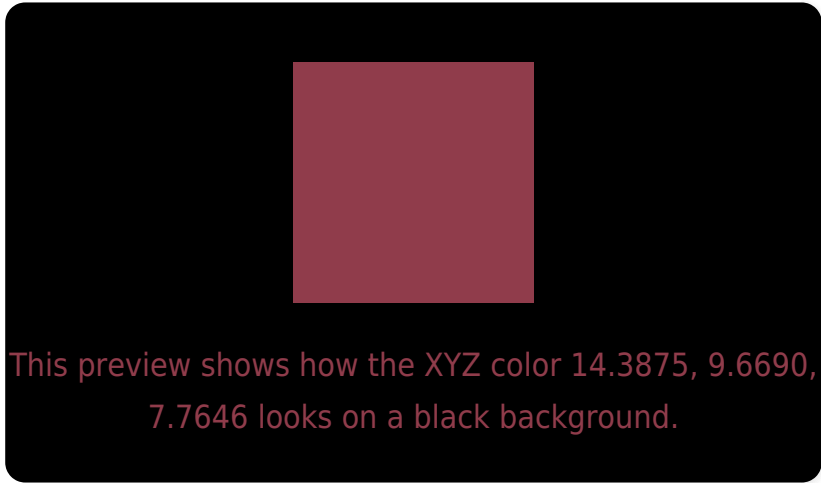
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.3875, 9.6690, 7.7646

Background



This preview shows how black text looks on a background with the XYZ color 14.3875, 9.6690, 7.7646.



This preview shows how white text looks on a background with the XYZ color 14.3875, 9.6690,

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

14.3875, 9.6690, 7.7646

Protanopia

9.5516, 9.8913, 11.0786

Deuteranopia

9.9793, 9.8355, 7.3337



Tritanopia

14.0337, 9.6782, 6.2827

Trichromacy



Original Color

14.3875, 9.6690, 7.7646

Protanomaly

10.7945, 9.4197, 9.8436

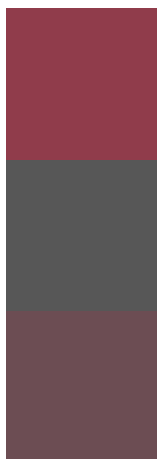
Deuteranomaly

11.2254, 9.4883, 7.3707

Tritanomaly

14.0706, 9.6068, 6.7429

Monochromacy



Original Color

14.3875, 9.6690, 7.7646

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

10.3996, 9.1204, 9.3959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3875, 9.6690, 7.7646 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(144, 60, 75)` looks like.

```
.text, #text, p{  
    color:rgb(144, 60, 75)  
}
```

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(144, 60, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 60, 75) }
```

Border

The CSS property to change the border of an element to XYZ 14.3875, 9.6690, 7.7646 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(144, 60, 75) }
```


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

```
.border{ border-color:rgb(144, 60, 75) }
```

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

Here you see how a box with a 4 pixel rgb(144, 60, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 60, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 60, 75);  
box-shadow:4px 4px 4px 4px rgb(144, 60,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3875, 9.6690, 7.7646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 60, 75) }
```

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

```
.background{ background-color: rgb(144, 60,  
75) }
```

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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