

Converting Colors

XYZ(14.8755, 9.3917, 10.7688)

Have a look what the booklet for
XYZ(14.8755, 9.3917, 10.7688)
contains.

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Color

**XYZ(14.8417, 9.3963,
10.7043)**

Conversions

Conversions Part 1

Format	Color
Hex	91365A
RGB	145, 54, 90
RGB Percent	57%, 21%, 35%
CMY	0.4314, 0.7882, 0.6471
CMYK	0.00, 0.63, 0.38, 0.43
HSL	336°, 46%, 39%
HSV	336°, 63%, 57%
XYZ	14.8417, 9.3963, 10.7043
YIQ	85.3130, 42.6800, 30.4880

Conversions

Conversions Part 2

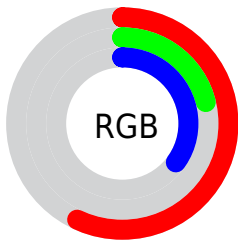
Format	Color
R_{YB}	145, 54, 90
Decimal	9516634
CIE _{Lab}	36.74, 41.94, -1.38
CIE _{LCh}	37, 41.958, 358.114
Yxy	9.3963, 0.4247, 0.2689
Android (android.graphics.Color)	4287706714 (0xFF91365A)
YUV	85.3130, 2.3107, 52.3455
Hunter-Lab	30.6534, 32.7824, 0.7530

Details

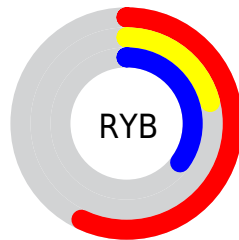
The XYZ color **14.8417, 9.3963, 10.7043** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **14.4076, 22.1395, 17.9834**, and the grayscale version is **8.6897, 9.1423, 9.9559**.

A 20% lighter version of the original color is **34.2448, 24.7581, 27.7848**, and **4.7880, 2.4136, 2.6961** is the 20% darker color. If you saturate the color by 10%, you get **13.9134, 8.1018, 8.6616**, and if you desaturate by 10%, it is **16.0158, 11.1118, 13.0461**.

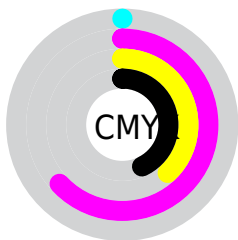
Distribution



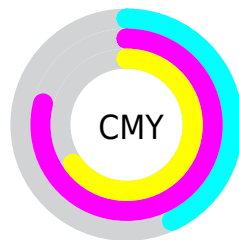
- Red (57%)
- Green (21%)
- Blue (35%)



- Red (57%)
- Yellow (21%)
- Blue (35%)



- Cyan (0%)
- Magenta (63%)
- Yellow (38%)
- Black (43%)



- Cyan (43%)
- Magenta (79%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.8417, 9.3963, 10.7043 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 14.8417, 9.3963, 10.7043 by changing the saturation by 10% instead.


 14.8417, 9.3963,
10.7043


 14.8417, 9.3963,
10.7043


215.8135,
186.3074, 206.2916


 8.7940, 5.0006,
5.7567


 34.1492, 24.6536,
27.7403


 4.6631, 2.2476,
2.6313

 48.1396, 36.2840,
40.6658


 2.0837, 0.7458,
0.9086

 65.5083, 51.0948,
57.0877

 0.6803, 0.0000,
0.0000

 86.6207, 69.4702,
77.4244

 0.0000, 0.0000,
0.0000

 111.8420, 91.7948,
102.0947

 141.5377,

118.4530, 131.5169

176.0731,
149.8290, 166.1097

■ 14.8417, 9.3963,
10.7043

■ 14.8417, 9.3963,
10.7043

■ 13.9134, 8.1018,
8.6616

■ 16.0158, 11.1118,
13.0461

■ 13.2100, 7.1893,
6.9034

■ 17.4525, 13.2798,
15.6997

■ 12.7082, 6.6147,
5.4140

■ 19.1681, 15.9307,
18.6772

■ 12.4245, 6.3187,
4.4827

■ 21.1772, 19.0915,
21.9901

■ 23.4934, 22.7874,
25.6492

■ 26.1293, 27.0418,
29.6648

■ 29.0971, 31.8768,
34.0466

■ 32.4080, 37.3134,
38.8042

■ 36.0728, 43.3712,
43.9465

Harmonies

Analogous

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



13.8227, 9.3963, 19.6846



14.8417, 9.3963, 10.7043



14.0416, 9.3963, 4.9029

Triad

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



14.8417, 9.3963, 10.7043



6.7973, 9.3963, 2.1333



6.5649, 9.3963, 27.5849

Complementary

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



14.8417, 9.3963, 10.7043



14.4076, 22.1395, 17.9834

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.



5.2405, 9.3963, 18.4617



14.8417, 9.3963, 10.7043



5.3554, 9.3963, 4.4248

Square

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



14.8417, 9.3963, 10.7043



9.0947, 9.3963, 1.6002



4.8439, 9.3963, 9.7718



8.7691, 9.3963, 31.9195

Rectangle

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



14.8417, 9.3963, 10.7043



12.6564, 9.3963, 2.8942



4.8439, 9.3963, 9.7718



6.0192, 9.3963, 24.8127

Sweetspot

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



14.8420, 9.3968, 10.7045



39.2559, 36.3040, 41.5119



12.6881, 7.9092, 27.6459



8.5056, 7.7150, 8.8714



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.



14.8420, 9.3968, 10.7045



24.3916, 13.8100, 14.2537



14.1264, 9.8528, 4.6480



5.4917, 5.4572, 6.0874



10.6691, 5.4247, 3.9088



0.1123, 0.0560, 0.0918

Inverse Universe

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



14.8420, 9.3968, 10.7045



24.3916, 13.8100, 14.2537



15.4226, 20.4091, 29.9145



5.4917, 5.4572, 6.0874



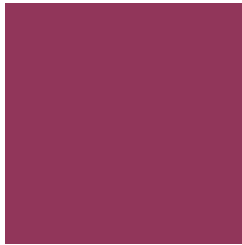
10.6691, 5.4247, 3.9088



0.1123, 0.0560, 0.0918

Previews

White Background



This preview shows how the XYZ color 14.8417, 9.3963, 10.7043 looks on a white background.

Color Contrast Check

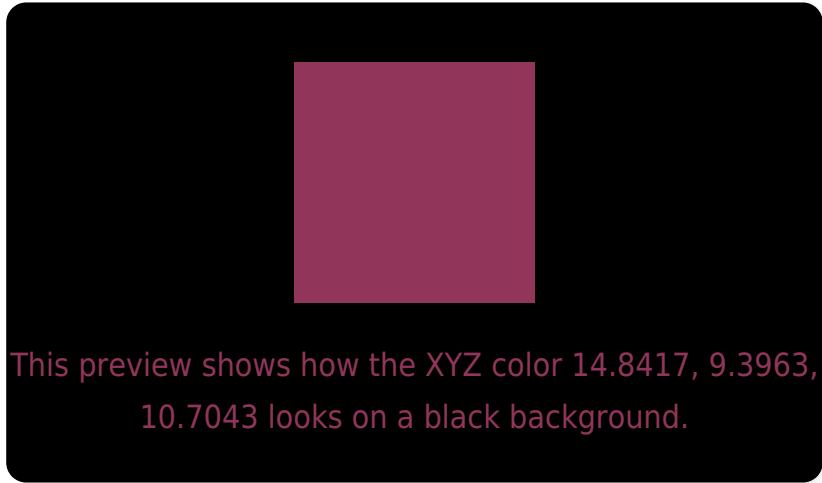
Large Text (above 18pt) WCAG AA ✓ Pass

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

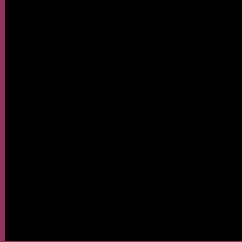
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.8417, 9.3963, 10.7043

Background



This preview shows how black text looks on a background with the XYZ color 14.8417, 9.3963, 10.7043.



This preview shows how white text looks on a background with the XYZ color 14.8417, 9.3963,

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

14.8417, 9.3963, 10.7043

Protanopia

9.5356, 9.5307, 16.0889

Deuteranopia

9.6339, 9.4833, 9.9170



Tritanopia

13.8690, 9.4415, 5.9419

Trichromacy



Original Color

14.8417, 9.3963, 10.7043

Protanomaly

10.6059, 8.8199, 13.9754

Deuteranomaly

11.0423, 9.0306, 10.1779

Tritanomaly

14.2173, 9.4364, 7.3754

Monochromacy



Original Color

14.8417, 9.3963, 10.7043

Achromatopsia

8.6345, 9.0842, 9.8927

Achromatomaly

10.2325, 8.7115, 10.1590

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8417, 9.3963, 10.7043 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, 54, 90)` looks like.

```
.text, #text, p{  
    color:rgb(145, 54, 90)  
}
```

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, 54, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 54, 90) }
```

Border

The CSS property to change the border of an element to XYZ 14.8417, 9.3963, 10.7043 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, 54, 90) }
```


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

```
.border{ border-color:rgb(145, 54, 90) }
```

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

Here you see how a box with a 4 pixel rgb(145, 54, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 54, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 54, 90);  
box-shadow:4px 4px 4px 4px rgb(145, 54,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8417, 9.3963, 10.7043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 54, 90) }
```

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

```
.background{ background-color: rgb(145, 54,  
90) }
```

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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