

Converting Colors

XYZ(14.7893, 9.3741, 9.9932)

Have a look what the booklet for
XYZ(14.7893, 9.3741, 9.9932)
contains.

XYZ(14.8935, 9.4374, 10.0535)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.8935, 9.4374,
10.0535)**

Conversions

Conversions Part 1

Format	Color
Hex	923657
RGB	146, 54, 87
RGB Percent	57%, 21%, 34%
CMY	0.4275, 0.7882, 0.6588
CMYK	0.00, 0.63, 0.40, 0.43
HSL	338°, 46%, 39%
HSV	338°, 63%, 57%
XYZ	14.8935, 9.4374, 10.0535
YIQ	85.2700, 44.2390, 29.7670

Conversions

Conversions Part 2

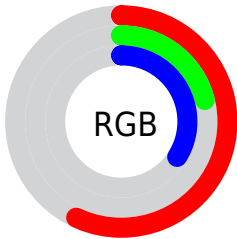
Format	Color
R_{YB}	146, 54, 87
Decimal	9582167
CIE _{Lab}	36.81, 41.92, 0.66
CIE _{LCh}	37, 41.923, 0.904
Yxy	9.4374, 0.4331, 0.2745
Android (android.graphics.Color)	4287772247 (0xFF923657)
YUV	85.2700, 0.8529, 53.2602
Hunter-Lab	30.7204, 32.7778, 2.1011

Details

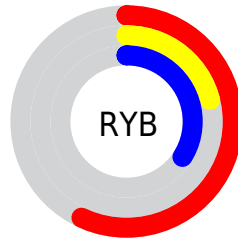
The XYZ color **14.8935, 9.4374, 10.0535** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **14.7813, 22.5345, 19.1945**, and the grayscale version is **8.6833, 9.1355, 9.9486**.

A 20% lighter version of the original color is **34.2980, 24.8107, 26.6482**, and **4.7323, 2.3913, 2.4026** is the 20% darker color. If you saturate the color by 10%, you get **13.9551, 8.1336, 7.9741**, and if you desaturate by 10%, it is **16.0861, 11.1700, 12.4626**.

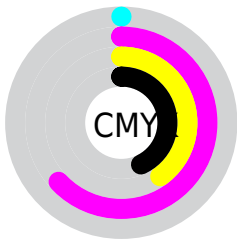
Distribution



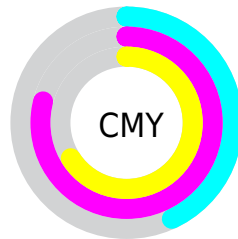
- Red (57%)
- Green (21%)
- Blue (34%)



- Red (57%)
- Yellow (21%)
- Blue (34%)



- Cyan (0%)
- Magenta (63%)
- Yellow (40%)
- Black (43%)




- Cyan (43%)
- Magenta (79%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.8935, 9.4374, 10.0535 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 14.8935, 9.4374, 10.0535 by changing the saturation by 10% instead.


 14.8935, 9.4374,
10.0535


 14.8935, 9.4374,
10.0535


216.1219,
186.6082, 201.5522


 8.8305, 5.0276,
5.3284


 34.2394, 24.7318,
26.5055


 4.6870, 2.2634,
2.3791

 48.2531, 36.3851,
39.0694


 2.0977, 0.7543,
0.7750

 65.6477, 51.2218,
55.0833

 0.6879, 0.0000,
0.0000

 86.7885, 69.6261,
74.9658

 0.0000, 0.0000,
0.0000

 112.0410, 91.9825,
99.1354

 141.7705,

118.6754, 128.0106

176.3423,
150.0892, 162.0100

■ 14.8935, 9.4374,
10.0535

■ 14.8935, 9.4374,
10.0535

■ 13.9551, 8.1336,
7.9741

■ 16.0861, 11.1700,
12.4626

■ 13.2493, 7.2186,
6.2078

■ 17.5504, 13.3638,
15.2160

■ 12.7519, 6.6473,
4.7365

■ 19.3032, 16.0498,
18.3276

■ 12.4821, 6.3622,
3.8623

■ 21.3599, 19.2556,
21.8107

■ 23.7344, 23.0071,
25.6776

■ 26.4400, 27.3283,
29.9400

■ 29.4891, 32.2416,
34.6092

■ 32.8935, 37.7685,
39.6960

■ 36.6644, 43.9292,
45.2106

Harmonies

Analogous

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



14.0345, 9.4374, 18.8379



14.8935, 9.4374, 10.0535



13.9294, 9.4374, 4.5741

Triad

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



14.8935, 9.4374, 10.0535



6.6579, 9.4374, 2.2751



6.7695, 9.4374, 28.3357

Complementary

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



14.8935, 9.4374, 10.0535



14.7813, 22.5345, 19.1945

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.



5.3543, 9.4374, 19.4246



14.8935, 9.4374, 10.0535



5.2991, 9.4374, 4.8039

Square

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



14.8935, 9.4374, 10.0535



8.8920, 9.4374, 1.6150



4.8713, 9.4374, 10.5012



9.0484, 9.4374, 32.0020

Rectangle

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



14.8935, 9.4374, 10.0535



12.4722, 9.4374, 2.7278



4.8713, 9.4374, 10.5012



6.1937, 9.4374, 25.6951

Sweetspot

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



14.8938, 9.4379, 10.0537



39.1341, 36.2553, 40.8707



13.2240, 8.1765, 28.0753



8.4757, 7.7030, 8.7136



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.



14.8938, 9.4379, 10.0537



24.0062, 13.5373, 12.5899



14.4841, 10.3055, 4.7164



5.8816, 5.8477, 6.4828



10.9943, 5.6028, 3.4509



0.1477, 0.0738, 0.1115

Inverse Universe

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



14.8938, 9.4379, 10.0537



24.0062, 13.5373, 12.5899



15.1982, 19.8364, 30.2219



5.8816, 5.8477, 6.4828



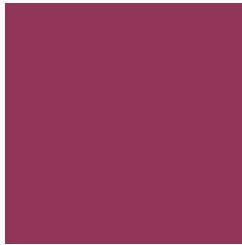
10.9943, 5.6028, 3.4509



0.1477, 0.0738, 0.1115

Previews

White Background



This preview shows how the XYZ color 14.8935, 9.4374, 10.0535 looks on a white background.

Color Contrast Check

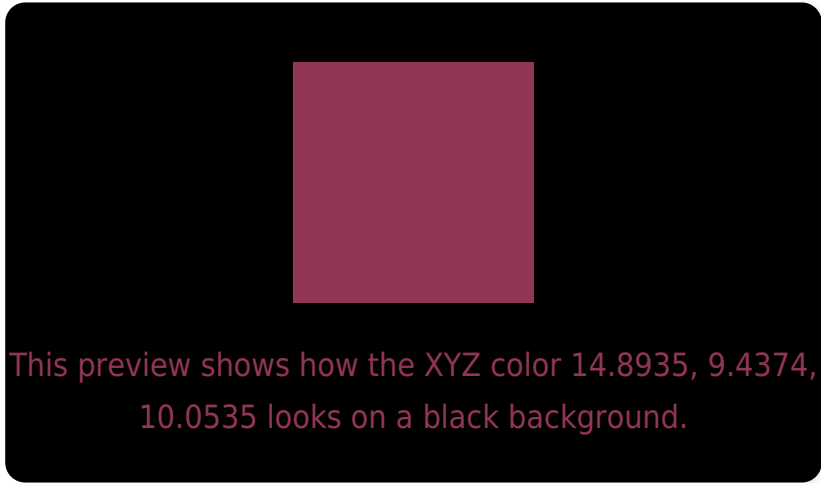
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.8935, 9.4374, 10.0535

Background



This preview shows how black text looks on a background with the XYZ color 14.8935, 9.4374, 10.0535.



This preview shows how white text looks on a background with the XYZ color 14.8935, 9.4374,

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

14.8935, 9.4374, 10.0535

Protanopia

9.6293, 9.7169, 15.2780

Deuteranopia

9.7687, 9.5619, 9.5144



Tritanopia

13.9628, 9.4161, 5.7842

Trichromacy



Original Color

14.8935, 9.4374, 10.0535

Protanomaly

10.7602, 9.0164, 13.2298

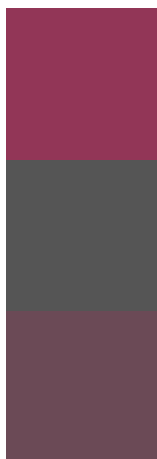
Deuteranomaly

11.0530, 9.0500, 9.5518

Tritanomaly

14.3099, 9.4139, 7.1937

Monochromacy



Original Color

14.8935, 9.4374, 10.0535

Achromatopsia

8.6345, 9.0842, 9.8927

Achromatomaly

10.1919, 8.6952, 9.9453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8935, 9.4374, 10.0535 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(146, 54, 87)` looks like.

```
.text, #text, p{  
  color:rgb(146, 54, 87)  
}
```

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(146, 54, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 54, 87) }
```

Border

The CSS property to change the border of an element to XYZ 14.8935, 9.4374, 10.0535 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(146, 54, 87) }
```


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

```
.border{ border-color:rgb(146, 54, 87) }
```

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

Here you see how a box with a 4 pixel rgb(146, 54, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 54, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 54, 87);  
box-shadow:4px 4px 4px 4px rgb(146, 54,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8935, 9.4374, 10.0535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 54, 87) }
```

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

```
.background{ background-color: rgb(146, 54,  
87) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor