

Converting Colors

XYZ(14.8966, 9.7776, 13.3888)

Have a look what the booklet for
XYZ(14.8966, 9.7776, 13.3888)
contains.

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Color

**XYZ(14.9493, 9.8340,
13.4222)**

Conversions

Conversions Part 1

Format	Color
Hex	8D3C65
RGB	141, 60, 101
RGB Percent	55%, 24%, 40%
CMY	0.4471, 0.7647, 0.6039
CMYK	0.00, 0.57, 0.28, 0.45
HSL	330°, 40%, 39%
HSV	330°, 57%, 55%
XYZ	14.9493, 9.8340, 13.4222
YIQ	88.8930, 35.1150, 29.9230

Conversions

Conversions Part 2

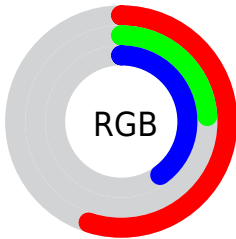
Format	Color
R_{YB}	141, 60, 101
Decimal	9256037
CIE Lab	37.54, 39.11, -7.22
CIE LCh	38, 39.770, 349.538
Yxy	9.8340, 0.3913, 0.2574
Android (android.graphics.Color)	4287446117 (0xFF8D3C65)
YUV	88.8930, 5.9688, 45.6978
Hunter-Lab	31.3592, 30.2144, -3.4255

Details

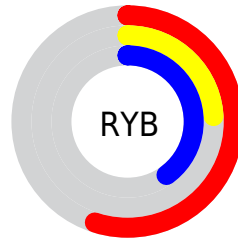
The XYZ color **14.9493, 9.8340, 13.4222** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **13.6891, 20.9307, 15.3761**, and the grayscale version is **9.4540, 9.9463, 10.8316**.

A 20% lighter version of the original color is **34.3779, 25.5062, 32.8170**, and **4.7338, 2.4279, 3.7092** is the 20% darker color. If you saturate the color by 10%, you get **13.9798, 8.4181, 11.4865**, and if you desaturate by 10%, it is **16.1451, 11.6562, 15.5762**.

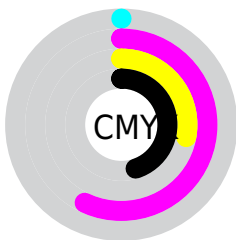
Distribution



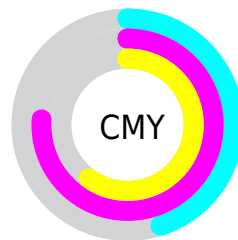
- Red (55%)
- Green (24%)
- Blue (40%)



- Red (55%)
- Yellow (24%)
- Blue (40%)



- Cyan (0%)
- Magenta (57%)
- Yellow (28%)
- Black (45%)



- Cyan (45%)
- Magenta (76%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.9493, 9.8340, 13.4222 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 14.9493, 9.8340, 13.4222 by changing the saturation by 10% instead.


 14.9493, 9.8340,
13.4222


 14.9493, 9.8340,
13.4222


216.4536,
189.4832, 224.9081


 8.8699, 5.2890,
7.5858


 34.3366, 25.4828,
32.7625


 4.7128, 2.4178,
3.7471

 48.3752, 37.3554,
47.1034


 2.1128, 0.8350,
1.4877

 65.7976, 52.4394,
65.1162

 0.6962, 0.0000,
0.2087

 86.9691, 71.1191,
87.2195

 0.0000, 0.0000,
0.0000

 112.2551, 93.7789,
113.8318

 142.0210,

120.8033, 145.3717

176.6320,
152.5766, 182.2576

■ 14.9493, 9.8340,
13.4222

■ 14.9493, 9.8340,
13.4222

■ 13.9798, 8.4181,
11.4865

■ 16.1451, 11.6562,
15.5762

■ 13.2191, 7.3746,
9.7594

■ 17.5813, 13.9119,
17.9563

■ 12.6481, 6.6666,
8.2311

■ 19.2719, 16.6278,
20.5705

■ 12.2311, 6.2240,
6.8857

■ 21.2293, 19.8280,
23.4262

■ 12.1337, 6.1224,
6.5655

■ 23.4653, 23.5349,
26.5303

■ 25.9908, 27.7693,
29.8895

■ 28.8162, 32.5512,
33.5101

■ 31.9514, 37.8992,
37.3983

■ 35.4056, 43.8312,
41.5600

Harmonies

Analogous

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



13.5263, 9.8340, 22.4327



14.9493, 9.8340, 13.4222



14.6803, 9.8340, 6.7143

Triad

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



14.9493, 9.8340, 13.4222



7.8223, 9.8340, 2.2442



6.5488, 9.8340, 25.0645

Complementary

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



14.9493, 9.8340, 13.4222



13.6891, 20.9307, 15.3761

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.



5.4926, 9.8340, 16.0343



14.9493, 9.8340, 13.4222



6.1315, 9.8340, 4.0038

Square

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



14.9493, 9.8340, 13.4222



10.2521, 9.8340, 2.0501



5.3550, 9.8340, 8.3861



8.4966, 9.8340, 30.8953

Rectangle

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



14.9493, 9.8340, 13.4222



13.5906, 9.8340, 4.0932



5.3550, 9.8340, 8.3861



6.0937, 9.8340, 22.1538

Sweetspot

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



14.9496, 9.8345, 13.4224



38.0480, 35.5577, 41.9947



11.5861, 7.8165, 26.0974



8.3563, 7.7086, 9.1771



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.9496, 9.8345, 13.4224



24.5839, 14.4404, 19.5928



13.4525, 9.2357, 5.5387



5.5156, 5.4668, 6.2132



11.0717, 5.5857, 6.0287



0.1170, 0.0579, 0.1162

Inverse Universe

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



14.9496, 9.8345, 13.4224



24.5839, 14.4404, 19.5928



16.0965, 21.8937, 28.0534



5.5156, 5.4668, 6.2132



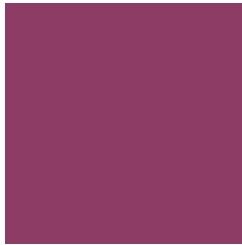
11.0717, 5.5857, 6.0287



0.1170, 0.0579, 0.1162

Previews

White Background



This preview shows how the XYZ color 14.9493, 9.8340, 13.4222 looks on a white background.

Color Contrast Check

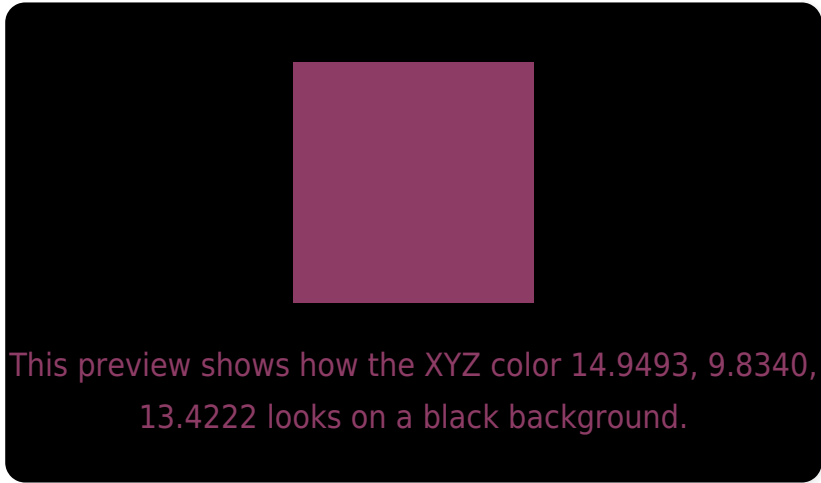
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.9493, 9.8340, 13.4222

Background



This preview shows how black text looks on a background with the XYZ color 14.9493, 9.8340, 13.4222.

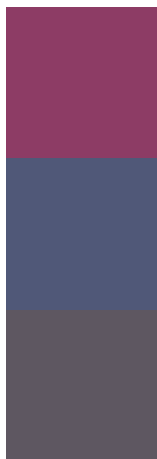


This preview shows how white text looks on a background with the XYZ color 14.9493, 9.8340,

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

14.9493, 9.8340, 13.4222

Protanopia

10.1882, 10.0410, 19.1704

Deuteranopia

10.1820, 10.0591, 12.7142



Tritanopia

13.5668, 9.7546, 7.1290

Trichromacy



Original Color

14.9493, 9.8340, 13.4222

Protanomaly

11.1845, 9.4658, 16.8604

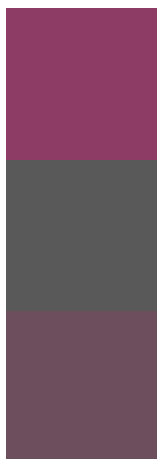
Deuteranomaly

11.4140, 9.5691, 12.8007

Tritanomaly

14.0038, 9.7650, 9.1294

Monochromacy



Original Color

14.9493, 9.8340, 13.4222

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

10.8845, 9.4272, 11.6019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9493, 9.8340, 13.4222 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(141, 60, 101)` looks like.

```
.text, #text, p{  
    color:rgb(141, 60, 101)  
}
```

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(141, 60, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 60, 101) }
```

Border

The CSS property to change the border of an element to XYZ 14.9493, 9.8340, 13.4222 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(141, 60, 101) }
```


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

```
.border{ border-color:rgb(141, 60, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 60, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 60, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 60, 101);  
box-shadow:4px 4px 4px 4px rgb(141, 60,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9493, 9.8340, 13.4222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 60, 101) }
```

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

```
.background{ background-color: rgb(141, 60,  
101) }
```

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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