

Converting Colors

XYZ(14.7836, 9.0420, 13.2861)

Have a look what the booklet for
XYZ(14.7836, 9.0420, 13.2861)
contains.

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Color

**XYZ(14.8173, 9.0604,
13.2798)**

Conversions

Conversions Part 1

Format	Color
Hex	8F3265
RGB	143, 50, 101
RGB Percent	56%, 20%, 40%
CMY	0.4392, 0.8039, 0.6039
CMYK	0.00, 0.65, 0.29, 0.44
HSL	327°, 48%, 38%
HSV	327°, 65%, 56%
XYZ	14.8173, 9.0604, 13.2798
YIQ	83.6210, 39.0570, 35.5770

Conversions

Conversions Part 2

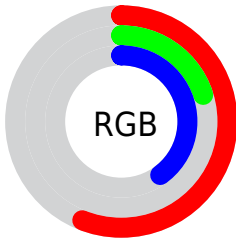
Format	Color
R_{YB}	143, 50, 101
Decimal	9384549
CIE _{Lab}	36.10, 44.53, -9.36
CIE _{LCh}	36, 45.502, 348.135
Yxy	9.0604, 0.3988, 0.2438
Android (android.graphics.Color)	4287574629 (0xFF8F3265)
YUV	83.6210, 8.5678, 52.0754
Hunter-Lab	30.1005, 35.1927, -5.0873

Details

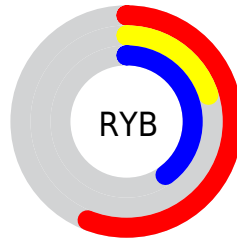
The XYZ color **14.8173, 9.0604, 13.2798** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **13.0701, 21.0961, 13.5094**, and the grayscale version is **8.3265, 8.7602, 9.5398**.

A 20% lighter version of the original color is **33.9721, 23.9119, 32.5307**, and **4.7857, 2.3902, 3.6991** is the 20% darker color. If you saturate the color by 10%, you get **13.9946, 7.9015, 11.5052**, and if you desaturate by 10%, it is **15.8565, 10.6121, 15.2494**.

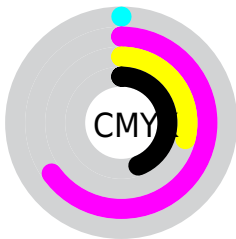
Distribution



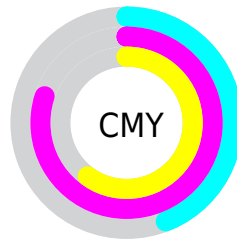
- Red (56%)
- Green (20%)
- Blue (40%)



- Red (56%)
- Yellow (20%)
- Blue (40%)



- Cyan (0%)
- Magenta (65%)
- Yellow (29%)
- Black (44%)




- Cyan (44%)
- Magenta (80%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8173, 9.0604, 13.2798 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 14.8173, 9.0604, 13.2798 by changing the saturation by 10% instead.


 14.8173, 9.0604,
13.2798


 14.8173, 9.0604,
13.2798


215.6681,
183.8278, 223.9736


 8.7767, 4.7806,
7.4885


 34.1066, 24.0125,
32.5041


 4.6518, 2.1191,
3.6864

 48.0861, 35.4536,
46.7741


 2.0771, 0.6753,
1.4549

 65.4427, 50.0506,
64.7075

 0.6767, 0.0000,
0.1840

 86.5416, 68.1879,
86.7228

 0.0000, 0.0000,
0.0000

 111.7482, 90.2499,
113.2385

 141.4279,

116.6209, 144.6732

175.9461,
147.6854, 181.4454

■ 14.8173, 9.0604,
13.2798

■ 14.8173, 9.0604,
13.2798

■ 13.9946, 7.9015,
11.5052

■ 15.8565, 10.6121,
15.2494

■ 13.3684, 7.0970,
9.9159

■ 17.1279, 12.5878,
17.4218

■ 12.9137, 6.5974,
8.5009

■ 18.6468, 15.0169,
19.8048

■ 12.7179, 6.3957,
7.8505

■ 20.4268, 17.9258,
22.4054

■ 22.4805, 21.3390,
25.2303

■ 24.8197, 25.2792,
28.2859

■ 27.4555, 29.7677,
31.5782

■ 30.3982, 34.8247,
35.1129

■ 33.6578, 40.4693,
38.8956

Harmonies

Analogous

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



13.1277, 9.0604, 23.6336



14.8173, 9.0604, 13.2798



14.6056, 9.0604, 5.8961

Triad

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



14.8173, 9.0604, 13.2798



7.0829, 9.0604, 1.3761



5.5693, 9.0604, 25.7708

Complementary

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



14.8173, 9.0604, 13.2798



13.0701, 21.0961, 13.5094

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.



4.5335, 9.0604, 15.3057



14.8173, 9.0604, 13.2798



5.2720, 9.0604, 2.8614

Square

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



14.8173, 9.0604, 13.2798



9.7334, 9.0604, 1.2651



4.4375, 9.0604, 7.0927



7.5796, 9.0604, 33.0109

Rectangle

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



14.8173, 9.0604, 13.2798



13.4200, 9.0604, 3.2016



4.4375, 9.0604, 7.0927



5.1156, 9.0604, 22.3203

Sweetspot

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



14.8176, 9.0609, 13.2800



38.2140, 34.8047, 42.4054



10.4977, 6.5325, 26.6945



8.5555, 7.6371, 9.4360



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.



14.8176, 9.0609, 13.2800



24.5026, 13.4106, 19.2496



13.1499, 8.3938, 4.4982



5.5248, 5.4705, 6.2617



11.2556, 5.6593, 6.9974



0.1187, 0.0586, 0.1255

Inverse Universe

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



14.8176, 9.0609, 13.2800



24.5026, 13.4106, 19.2496



15.7511, 22.1685, 27.6269



5.5248, 5.4705, 6.2617



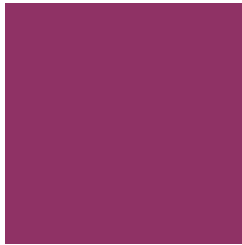
11.2556, 5.6593, 6.9974



0.1187, 0.0586, 0.1255

Previews

White Background



This preview shows how the XYZ color 14.8173, 9.0604, 13.2798 looks on a white background.

Color Contrast Check

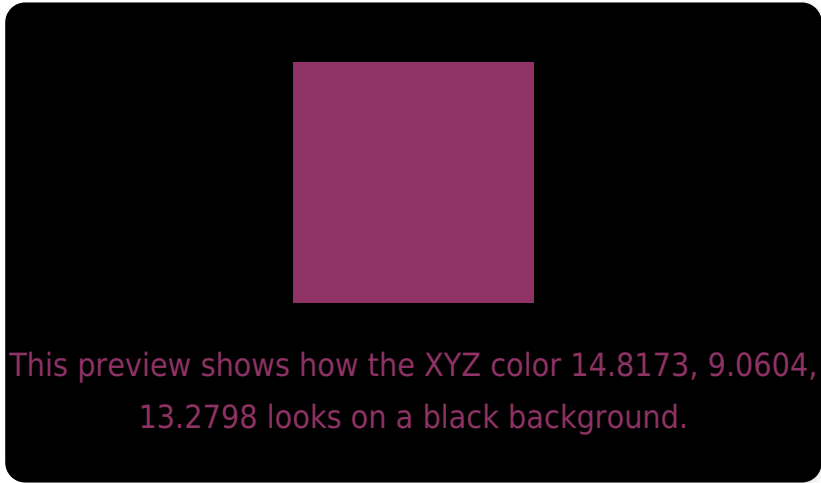
Large Text (above 18pt) WCAG AA ✓ Pass

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

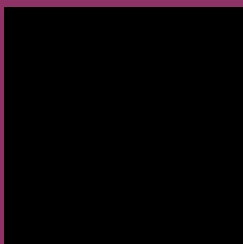
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.8173, 9.0604, 13.2798

Background



This preview shows how black text looks on a background with the XYZ color 14.8173, 9.0604, 13.2798.



This preview shows how white text looks on a background with the XYZ color 14.8173, 9.0604,

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

14.8173, 9.0604, 13.2798

Protanopia

9.6227, 9.3554, 20.7006

Deuteranopia

9.4015, 9.3090, 12.3676



Tritanopia

13.2764, 9.0623, 5.7521

Trichromacy



Original Color

14.8173, 9.0604, 13.2798

Protanomaly

10.5068, 8.4924, 17.6084

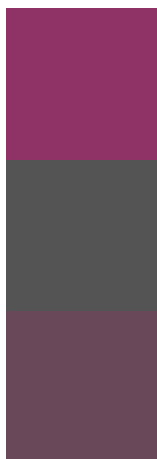
Deuteranomaly

10.8286, 8.7678, 12.6769

Tritanomaly

13.7382, 9.0269, 8.0395

Monochromacy



Original Color

14.8173, 9.0604, 13.2798

Achromatopsia

8.4267, 8.8656, 9.6546

Achromatomaly

9.9885, 8.3762, 10.7632

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8173, 9.0604, 13.2798 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(143, 50, 101)` looks like.

```
.text, #text, p{  
    color:rgb(143, 50, 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(143, 50, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 50, 101) }
```

Border

The CSS property to change the border of an element to XYZ 14.8173, 9.0604, 13.2798 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(143, 50, 101) }
```


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

```
.border{ border-color:rgb(143, 50, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 50, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 50, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 50, 101);  
box-shadow:4px 4px 4px 4px rgb(143, 50,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8173, 9.0604, 13.2798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 50, 101) }
```

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

```
.background{ background-color: rgb(143, 50,  
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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