

Converting Colors

XYZ(14.8215, 9.4810, 12.4576)

Have a look what the booklet for
XYZ(14.8215, 9.4810, 12.4576)
contains.

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Color

**XYZ(14.7272, 9.4422,
12.3556)**

Conversions

Conversions Part 1

Format	Color
Hex	8E3861
RGB	142, 56, 97
RGB Percent	56%, 22%, 38%
CMY	0.4431, 0.7804, 0.6196
CMYK	0.00, 0.61, 0.32, 0.44
HSL	331°, 43%, 39%
HSV	331°, 61%, 56%
XYZ	14.7272, 9.4422, 12.3556
YIQ	86.3880, 38.0950, 30.9830

Conversions

Conversions Part 2

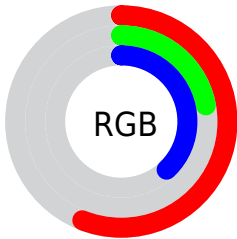
Format	Color
R_{YB}	142, 56, 97
Decimal	9320545
CIE _{Lab}	36.82, 40.87, -5.75
CIE _{LCh}	37, 41.275, 351.985
Yxy	9.4422, 0.4032, 0.2585
Android (android.graphics.Color)	4287510625 (0xFF8E3861)
YUV	86.3880, 5.2317, 48.7717
Hunter-Lab	30.7282, 31.7761, -2.3304

Details

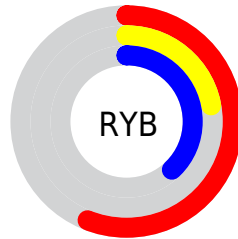
The XYZ color **14.7272, 9.4422, 12.3556** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **13.6534, 21.1267, 15.6713**, and the grayscale version is **8.9118, 9.3759, 10.2104**.

A 20% lighter version of the original color is **33.8917, 24.6593, 30.9904**, and **4.6220, 2.3137, 3.3350** is the 20% darker color. If you saturate the color by 10%, you get **13.8036, 8.1238, 10.4177**, and if you desaturate by 10%, it is **15.8790, 11.1650, 14.5299**.

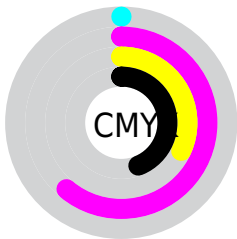
Distribution



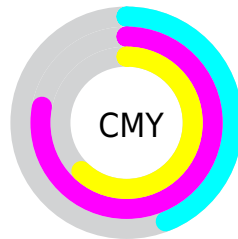
- Red (56%)
- Green (22%)
- Blue (38%)



- Red (56%)
- Yellow (22%)
- Blue (38%)



- Cyan (0%)
- Magenta (61%)
- Yellow (32%)
- Black (44%)




- Cyan (44%)
- Magenta (78%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.7272, 9.4422, 12.3556 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 14.7272, 9.4422, 12.3556 by changing the saturation by 10% instead.


 14.7272, 9.4422,
12.3556


 14.7272, 9.4422,
12.3556


215.1303,
186.6433, 217.8063


 8.7132, 5.0307,
6.8609


 33.9495, 24.7409,
30.8151


 4.6102, 2.2653,
3.2981

 47.8885, 36.3969,
44.6171

 2.0528, 0.7552,
1.2488

 65.1999, 51.2366,
62.0251

 0.6634, 0.0000,
0.0193

 86.2491, 69.6443,
83.4578

 0.0000, 0.0000,
0.0000

 111.4014, 92.0044,
109.3337

 141.0221,

118.7014, 140.0714

175.4766,
150.1195, 176.0894

■ 14.7272, 9.4422,
12.3556

■ 14.7272, 9.4422,
12.3556

■ 13.8036, 8.1238,
10.4177

■ 15.8790, 11.1650,
14.5299

■ 13.0896, 7.1740,
8.7053

■ 17.2741, 13.3212,
16.9497

■ 12.5646, 6.5531,
7.2071

■ 18.9272, 15.9387,
19.6238

■ 12.1895, 6.1644,
5.9675

■ 20.8515, 19.0426,
22.5607

■ 23.0592, 22.6563,
25.7682

■ 25.5618, 26.8015,
29.2537

■ 28.3702, 31.4989,
33.0245

■ 31.4947, 36.7678,
37.0875

■ 34.9450, 42.6267,
41.4492

Harmonies

Analogous

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



13.3953, 9.4422, 21.5160



14.7272, 9.4422, 12.3556



14.3038, 9.4422, 5.8855

Triad

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



14.7272, 9.4422, 12.3556



7.2685, 9.4422, 2.0033



6.2917, 9.4422, 25.6941

Complementary

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



14.7272, 9.4422, 12.3556



13.6534, 21.1267, 15.6713

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.



5.1668, 9.4422, 16.4521



14.7272, 9.4422, 12.3556



5.6522, 9.4422, 3.8515

Square

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



14.7272, 9.4422, 12.3556



9.6724, 9.4422, 1.7219



4.9571, 9.4422, 8.4526



8.3111, 9.4422, 31.2639

Rectangle

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



14.7272, 9.4422, 12.3556



13.1133, 9.4422, 3.4787



4.9571, 9.4422, 8.4526



5.8135, 9.4422, 22.7530

Sweetspot

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



14.7275, 9.4427, 12.3558



37.5772, 34.8947, 40.9789



11.6008, 7.5160, 26.4306



8.1794, 7.4463, 8.8364



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.



14.7275, 9.4427, 12.3558



23.8008, 13.5886, 17.1290



13.3542, 9.0061, 4.7765



5.5092, 5.4642, 6.1795



10.9535, 5.5384, 5.4064



0.1157, 0.0574, 0.1097

Inverse Universe

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



14.7275, 9.4427, 12.3558



23.8008, 13.5886, 17.1290



15.9748, 21.7162, 28.9410



5.5092, 5.4642, 6.1795



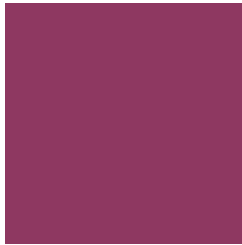
10.9535, 5.5384, 5.4064



0.1157, 0.0574, 0.1097

Previews

White Background



This preview shows how the XYZ color 14.7272, 9.4422, 12.3556 looks on a white background.

Color Contrast Check

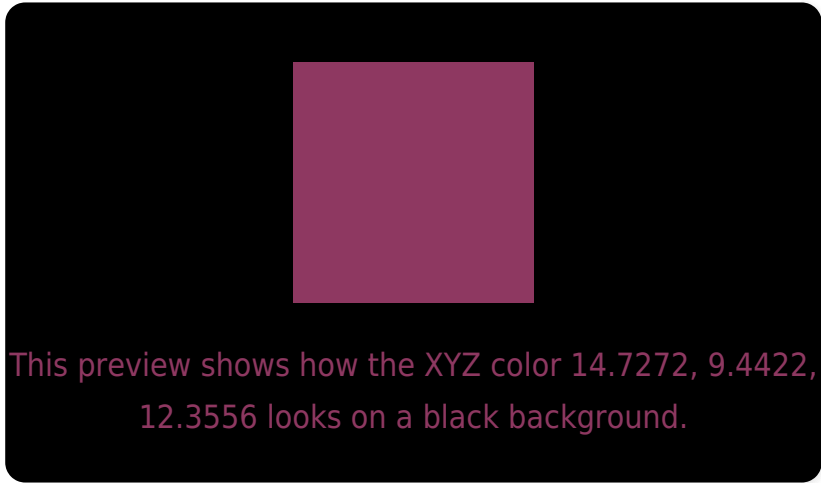
Large Text (above 18pt) WCAG AA ✓ Pass

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

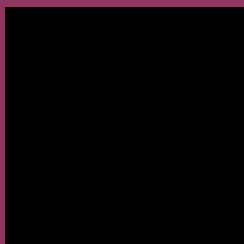
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.7272, 9.4422, 12.3556

Background



This preview shows how black text looks on a background with the XYZ color 14.7272, 9.4422, 12.3556.



This preview shows how white text looks on a background with the XYZ color 14.7272, 9.4422,

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

14.7272, 9.4422, 12.3556

Protanopia

9.7631, 9.6022, 18.1685

Deuteranopia

9.8404, 9.6670, 11.7032



Tritanopia

13.6058, 9.5357, 6.4337

Trichromacy



Original Color

14.7272, 9.4422, 12.3556

Protanomaly

10.8100, 8.9827, 15.9159

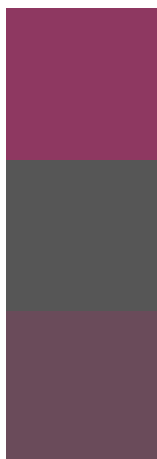
Deuteranomaly

11.0247, 9.0852, 11.7622

Tritanomaly

13.9755, 9.4445, 8.2941

Monochromacy



Original Color

14.7272, 9.4422, 12.3556

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

10.3054, 8.8345, 10.8349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7272, 9.4422, 12.3556 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(142, 56, 97)` looks like.

```
.text, #text, p{  
    color:rgb(142, 56, 97)  
}
```

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(142, 56, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 56, 97) }
```

Border

The CSS property to change the border of an element to XYZ 14.7272, 9.4422, 12.3556 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(142, 56, 97) }
```


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

```
.border{ border-color:rgb(142, 56, 97) }
```

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

Here you see how a box with a 4 pixel rgb(142, 56, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 56, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 56, 97);  
box-shadow:4px 4px 4px 4px rgb(142, 56,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7272, 9.4422, 12.3556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 56, 97) }
```

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

```
.background{ background-color: rgb(142, 56,  
97) }
```

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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