

Converting Colors

XYZ(14.3190, 7.9617, 7.7660)

Have a look what the booklet for
XYZ(14.3190, 7.9617, 7.7660)
contains.

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Color

**XYZ(14.4072, 7.9998,
7.8060)**

Conversions

Conversions Part 1

Format	Color
Hex	961F4D
RGB	150, 31, 77
RGB Percent	59%, 12%, 30%
CMY	0.4118, 0.8784, 0.6980
CMYK	0.00, 0.79, 0.49, 0.41
HSL	337°, 66%, 35%
HSV	337°, 79%, 59%
XYZ	14.4072, 7.9998, 7.8060
YIQ	71.8250, 56.1580, 39.5340

Conversions

Conversions Part 2

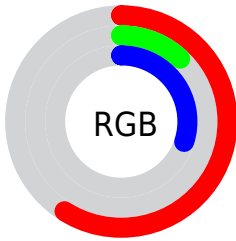
Format	Color
RYB	150, 31, 77
Decimal	9838413
CIELab	33.98, 51.15, 3.09
CIElCh	34, 51.246, 3.459
Yxy	7.9998, 0.4769, 0.2648
Android (android.graphics.Color)	4288028493 (0xFF961F4D)
YUV	71.8250, 2.5513, 68.5595
Hunter-Lab	28.2839, 41.4271, 3.4355

Details

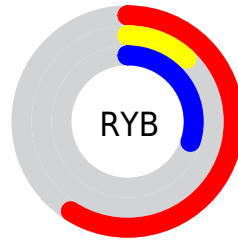
The XYZ color **14.4072, 7.9998, 7.8060** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **13.9707, 23.1037, 16.8219**, and the grayscale version is **6.1193, 6.4379, 7.0109**.

A 20% lighter version of the original color is **33.5501, 22.0411, 22.2247**, and **4.7887, 2.4370, 1.6568** is the 20% darker color. If you saturate the color by 10%, you get **13.8003, 7.2697, 6.1125**, and if you desaturate by 10%, it is **15.2429, 9.1138, 9.8028**.

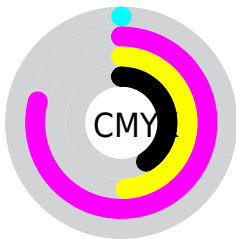
Distribution



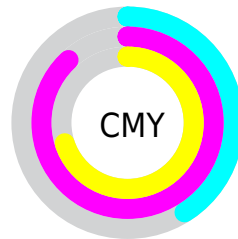
- Red (59%)
- Green (12%)
- Blue (30%)



- Red (59%)
- Yellow (12%)
- Blue (30%)



- Cyan (0%)
- Magenta (79%)
- Yellow (49%)
- Black (41%)





- Cyan (41%)
- Magenta (88%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.4072, 7.9998, 7.8060 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 14.4072, 7.9998, 7.8060 by changing the saturation by 10% instead.


 14.4072, 7.9998,
7.8060


 14.4072, 7.9998,
7.8060


213.2098,
175.7304, 184.0798


 8.4880, 4.0948,
3.8851


 33.3901, 21.9581,
22.1171


 4.4632, 1.7267,
1.5625

 47.1845, 32.7801,
33.3444


 1.9674, 0.4409,
0.2639

 64.3347, 46.6767,
47.8441

 0.6155, 0.0000,
0.0000

 85.2060, 64.0321,
66.0350

 0.0000, 0.0000,
0.0000

 110.1638, 85.2308,
88.3354

 139.5735,

110.6571, 115.1640

173.8004,
140.6956, 146.9393

■ 14.4072, 7.9998,
7.8060

■ 14.4072, 7.9998,
7.8060

■ 13.8003, 7.2697,
6.1125

■ 15.2429, 9.1138,
9.8028

■ 13.3676, 6.8175,
4.6943

■ 16.3309, 10.6560,
12.1193

■ 13.3408, 6.7893,
4.6073

■ 17.6923, 12.6659,
14.7713

■ 19.3459, 15.1782,
17.7729

■ 21.3084, 18.2242,
21.1373

■ 23.5955, 21.8326,
24.8772

■ 26.2217, 26.0302,
29.0043

■ 29.2006, 30.8419,
33.5300

■ 32.5449, 36.2913,
38.4652

Harmonies

Analogous

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



13.5638, 7.9998, 17.6622



14.4072, 7.9998, 7.8060



13.0879, 7.9998, 2.6449

Triad

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



14.4072, 7.9998, 7.8060



4.9872, 7.9998, 1.1144



5.4277, 7.9998, 31.3191

Complementary

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



14.4072, 7.9998, 7.8060



13.9707, 23.1037, 16.8219

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.



3.9158, 7.9998, 20.3938



14.4072, 7.9998, 7.8060



3.7092, 7.9998, 3.4486

Square

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



14.4072, 7.9998, 7.8060



7.2808, 7.9998, 0.5200



3.3718, 7.9998, 9.6821



7.9357, 7.9998, 35.2498

Rectangle

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



14.4072, 7.9998, 7.8060



11.3132, 7.9998, 1.2406



3.3718, 7.9998, 9.6821



4.8090, 7.9998, 28.1099

Sweetspot

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



14.4074, 8.0003, 7.8061



39.4911, 35.1263, 40.4228



11.5205, 6.0308, 29.4109



8.4703, 7.3416, 8.4945



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



14.4074, 8.0003, 7.8061



23.7816, 12.2451, 8.8655



13.6856, 8.3040, 2.1784



5.8880, 5.8503, 6.5166



11.0794, 5.6368, 3.8992



0.1493, 0.0745, 0.1197

Inverse Universe

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



14.4074, 8.0003, 7.8061



23.7816, 12.2451, 8.8655



15.1733, 20.6993, 32.0497



5.8880, 5.8503, 6.5166



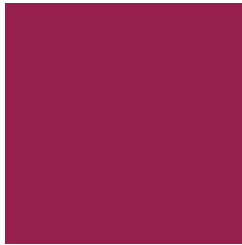
11.0794, 5.6368, 3.8992



0.1493, 0.0745, 0.1197

Previews

White Background



This preview shows how the XYZ color 14.4072, 7.9998, 7.8060 looks on a white background.

Color Contrast Check

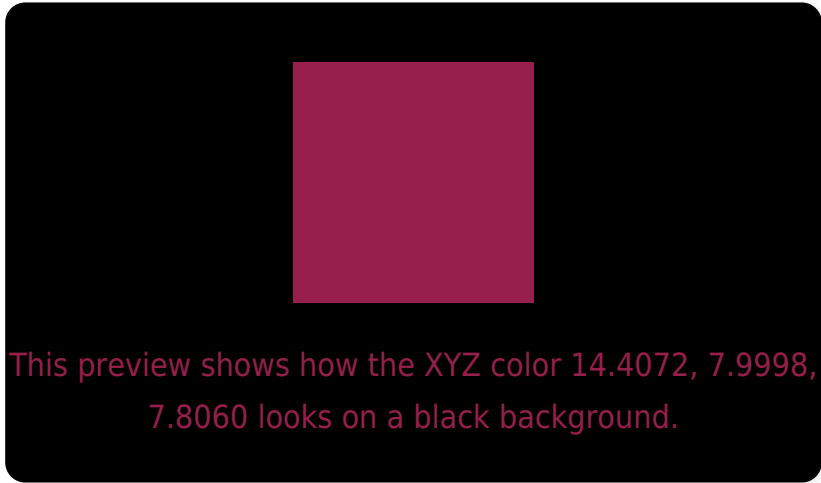
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.4072, 7.9998, 7.8060

Background



This preview shows how black text looks on a background with the XYZ color 14.4072, 7.9998, 7.8060.



This preview shows how white text looks on a background with the XYZ color 14.4072, 7.9998,

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

14.4072, 7.9998, 7.8060

Protanopia

8.3201, 8.2531, 14.5191

Deuteranopia

8.3759, 8.2309, 7.1085



Tritanopia

13.4236, 8.0489, 3.0366

Trichromacy



Original Color

14.4072, 7.9998, 7.8060

Protanomaly

9.2677, 7.0963, 11.7077

Deuteranomaly

9.8108, 7.3959, 7.2138

Tritanomaly

13.7456, 7.9885, 4.4319

Monochromacy



Original Color

14.4072, 7.9998, 7.8060

Achromatopsia

6.1596, 6.4803, 7.0571

Achromatomaly

7.9547, 6.1300, 7.2425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4072, 7.9998, 7.8060 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(150, 31, 77)` looks like.

```
.text, #text, p{  
  color:rgb(150, 31, 77)  
}
```

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(150, 31, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 31, 77) }
```

Border

The CSS property to change the border of an element to XYZ 14.4072, 7.9998, 7.8060 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(150, 31, 77) }
```


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

```
.border{ border-color:rgb(150, 31, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 31, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 31, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 31, 77);  
box-shadow:4px 4px 4px 4px rgb(150, 31,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4072, 7.9998, 7.8060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 31, 77) }
```

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

```
.background{ background-color: rgb(150, 31,  
77) }
```

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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