

Converting Colors

XYZ(14.9353, 7.3828, 15.0026)

Have a look what the booklet for
XYZ(14.9353, 7.3828, 15.0026)
contains.

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Color

**XYZ(14.9731, 7.4000,
15.1072)**

Conversions

Conversions Part 1

Format	Color
Hex	94006D
RGB	148, 0, 109
RGB Percent	58%, 0%, 43%
CMY	0.4196, 0.9999, 0.5725
CMYK	0.00, 1.00, 0.26, 0.42
HSL	316°, 100%, 29%
HSV	316°, 100%, 58%
XYZ	14.9731, 7.4000, 15.1072
YIQ	56.6780, 53.2190, 65.2750

Conversions

Conversions Part 2

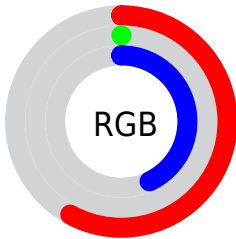
Format	Color
R_{YB}	148, 0, 109
Decimal	9699437
CIE _{Lab}	32.70, 60.12, -19.57
CIE _{LCh}	33, 63.229, 341.968
Yxy	7.4000, 0.3995, 0.1974
Android (android.graphics.Color)	4287889517 (0xFF94006D)
YUV	56.6780, 25.7947, 80.0894
Hunter-Lab	27.2029, 50.6452, -13.8847

Details

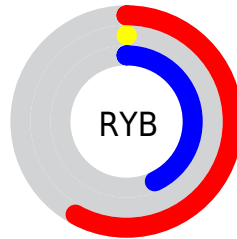
The XYZ color **14.9731, 7.4000, 15.1072** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **10.9566, 21.3267, 5.4597**, and the grayscale version is **3.8104, 4.0089, 4.3657**.

A 20% lighter version of the original color is **34.4711, 20.8639, 35.9285**, and **5.2559, 2.6122, 4.6421** is the 20% darker color. If you saturate the color by 10%, you get **14.9730, 7.4000, 15.1062**, and if you desaturate by 10%, it is **15.3561, 7.8224, 16.2940**.

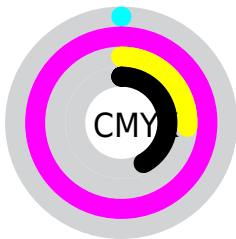
Distribution



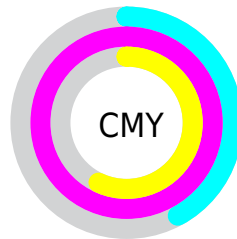
- Red (58%)
- Green (0%)
- Blue (43%)



- Red (58%)
- Yellow (0%)
- Blue (43%)



- Cyan (0%)
- Magenta (100%)
- Yellow (26%)
- Black (42%)





- Cyan (42%)
- Magenta (100%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.9731, 7.4000, 15.1072 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 14.9731, 7.4000, 15.1072 by changing the saturation by 10% instead.


 14.9731, 7.4000,
15.1072


 14.9731, 7.4000,
15.1072


216.5950,
170.9472, 235.6772


 8.8867, 3.7135,
8.7472


 34.3780, 20.7735,
35.7861


 4.7239, 1.5146,
4.4821

 48.4273, 31.2293,
50.9421

 2.1193, 0.2990,
1.8934

 65.8615, 44.7103,
69.8671

 0.6997, 0.0000,
0.4885


 87.0461, 61.6009,
92.9797


 0.0000, 0.0000,
0.0000


 112.3463, 82.2855,
120.6985


 142.1277,


107.1485, 153.4420

 176.7554,
136.5742, 191.6288

 14.9731, 7.4000,
15.1072


 14.9731, 7.4000,
15.1072


 14.9730, 7.4000,
15.1062

 15.3561, 7.8224,
16.2940

 15.8666, 8.4848,
17.5698

 16.5620, 9.5015,
18.9544

 17.4642, 10.9165,
20.4556

 18.5920, 12.7672,
22.0803

■ 19.9623, 15.0869,
23.8345

■ 21.5900, 17.9054,
25.7238

■ 23.4889, 21.2502,
27.7534

■ 25.6718, 25.1467,
29.9280

Harmonies

Analogous

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



12.1971, 7.4000, 30.5823



14.9731, 7.4000, 15.1072



15.2629, 7.4000, 4.8416

Triad

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



14.9731, 7.4000, 15.1072



5.7962, 7.4000, 0.0000



3.2872, 7.4000, 27.3873

Complementary

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



14.9731, 7.4000, 15.1072



10.9566, 21.3267, 5.4597

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.



2.4681, 7.4000, 12.4518



14.9731, 7.4000, 15.1072



3.5820, 7.4000, 0.6550

Square

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



14.9731, 7.4000, 15.1072



9.1900, 7.4000, 0.0000



2.5557, 7.4000, 3.6342



5.2438, 7.4000, 40.7164

Rectangle

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



14.9731, 7.4000, 15.1072



13.9203, 7.4000, 1.7519



2.5557, 7.4000, 3.6342



2.9021, 7.4000, 22.0469

Sweetspot

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



14.9733, 7.4004, 15.1073



37.9059, 31.2642, 45.1782



6.1088, 2.5320, 28.1840



8.3919, 6.6826, 10.0165



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.



14.9733, 7.4004, 15.1073



26.3452, 13.0274, 26.2660



12.5471, 6.4299, 2.3309



5.9707, 5.8834, 6.9520



12.8008, 6.3254, 12.9639



0.1688, 0.0823, 0.2227

Inverse Universe

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



14.9733, 7.4004, 15.1073



26.3452, 13.0274, 26.2660



13.4596, 22.3279, 18.6404



5.9707, 5.8834, 6.9520



12.8008, 6.3254, 12.9639



0.1688, 0.0823, 0.2227

Previews

White Background



This preview shows how the XYZ color 14.9731, 7.4000, 15.1072 looks on a white background.

Color Contrast Check

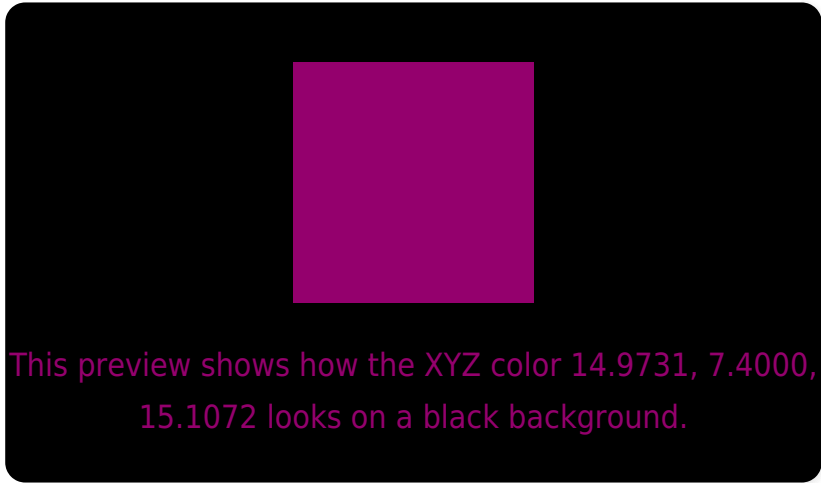
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.9731, 7.4000, 15.1072

Background



This preview shows how black text looks on a background with the XYZ color 14.9731, 7.4000, 15.1072.



This preview shows how white text looks on a background with the XYZ color 14.9731, 7.4000,

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

14.9731, 7.4000, 15.1072

Protanopia

9.3005, 8.1554, 32.0943

Deuteranopia

8.1747, 8.0878, 13.7006



Tritanopia

12.6652, 7.7569, 3.3123

Trichromacy



Original Color

14.9731, 7.4000, 15.1072

Protanomaly

8.6297, 5.6120, 24.6732

Deuteranomaly

9.1699, 6.1259, 14.0637

Tritanomaly

13.1124, 7.2210, 6.1715

Monochromacy



Original Color

14.9731, 7.4000, 15.1072

Achromatopsia

3.8890, 4.0915, 4.4557

Achromatomaly

6.1518, 3.9572, 7.2771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9731, 7.4000, 15.1072 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(148, 0, 109)` looks like.

```
.text, #text, p{  
    color:rgb(148, 0, 109)  
}
```

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(148, 0, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 0, 109) }
```

Border

The CSS property to change the border of an element to XYZ 14.9731, 7.4000, 15.1072 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(148, 0, 109) }
```


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

```
.border{ border-color:rgb(148, 0, 109) }
```

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

Here you see how a box with a 4 pixel rgb(148, 0, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 0, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 0, 109);  
box-shadow:4px 4px 4px 4px rgb(148, 0,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9731, 7.4000, 15.1072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 0, 109) }
```

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

```
.background{ background-color: rgb(148, 0,  
109) }
```

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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