

Converting Colors

XYZ(14.4279, 7.0313, 19.0442)

Have a look what the booklet for
XYZ(14.4279, 7.0313, 19.0442)
contains.

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Color

**XYZ(14.4974, 7.0679,
19.0125)**

Conversions

Conversions Part 1

Format	Color
Hex	8D007A
RGB	141, 0, 122
RGB Percent	55%, 0%, 48%
CMY	0.4471, 0.9999, 0.5216
CMYK	0.00, 1.00, 0.13, 0.45
HSL	308°, 100%, 28%
HSV	308°, 100%, 55%
XYZ	14.4974, 7.0679, 19.0125
YIQ	56.0670, 44.8740, 67.8340

Conversions

Conversions Part 2

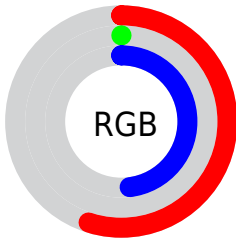
Format	Color
RYB	141, 0, 122
Decimal	9240698
CIELab	31.96, 60.42, -29.10
CIElCh	32, 67.061, 334.287
Yxy	7.0679, 0.3573, 0.1742
Android (android.graphics.Color)	4287430778 (0xFF8D007A)
YUV	56.0670, 32.5050, 74.4862
Hunter-Lab	26.5855, 50.8135, -23.7911

Details

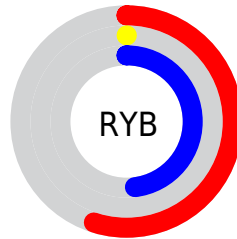
The XYZ color **14.4974, 7.0679, 19.0125** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **9.6428, 19.0971, 3.7947**, and the grayscale version is **3.7241, 3.9180, 4.2667**.

A 20% lighter version of the original color is **33.5426, 20.1331, 42.6756**, and **5.0403, 2.4595, 6.5124** is the 20% darker color. If you saturate the color by 10%, you get **14.4974, 7.0679, 19.0119**, and if you desaturate by 10%, it is **14.7750, 7.4327, 19.6917**.

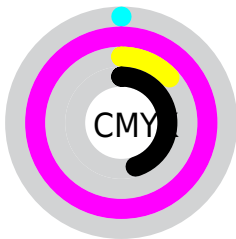
Distribution



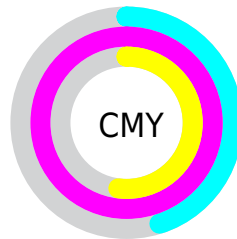
- Red (55%)
- Green (0%)
- Blue (48%)



- Red (55%)
- Yellow (0%)
- Blue (48%)



- Cyan (0%)
- Magenta (100%)
- Yellow (13%)
- Black (45%)





- Cyan (45%)
- Magenta (100%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.4974, 7.0679, 19.0125 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 14.4974, 7.0679, 19.0125 by changing the saturation by 10% instead.


 14.4974, 7.0679,
19.0125


 14.4974, 7.0679,
19.0125


213.7529,
168.2267, 258.9428


 8.5514, 3.5046,
11.5024


 33.5480, 20.1097,
42.5922

 4.5045, 1.4005,
6.2874

 47.3833, 30.3569,
59.4989


 1.9913, 0.2171,
2.9490

 64.5791, 43.6010,
80.3749

 0.6291, 0.0000,
1.0687


 85.5007, 60.2262,
105.6386


 0.0000, 0.0000,
0.0000

 110.5136, 80.6170,
135.7088


 139.9830,

105.1577, 171.0038


 174.2743,
134.2328, 211.9423

 14.4974, 7.0679,
19.0125


 14.4974, 7.0679,
19.0125


 14.4974, 7.0679,
19.0119

 14.7750, 7.4327,
19.6917

 15.1581, 8.0048,
20.4175

 15.7004, 8.8918,
21.2078

 16.4216, 10.1326,
22.0693

 17.3380, 11.7602,
23.0075

■ 18.4644, 13.8040,
24.0274

■ 19.8140, 16.2904,
25.1334

■ 21.3991, 19.2439,
26.3296

■ 23.2308, 22.6868,
27.6200

Harmonies

Analogous

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



11.1148, 7.0679, 35.8461



14.4974, 7.0679, 19.0125



15.5735, 7.0679, 6.3792

Triad

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



14.4974, 7.0679, 19.0125



6.2409, 7.0679, 0.0000



2.6347, 7.0679, 23.7960

Complementary

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



14.4974, 7.0679, 19.0125



9.6428, 19.0971, 3.7947

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.



2.0800, 7.0679, 9.1820



14.4974, 7.0679, 19.0125



3.6669, 7.0679, 0.0000

Square

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



14.4974, 7.0679, 19.0125



9.9722, 7.0679, 0.0000



2.3814, 7.0679, 2.0954



4.2619, 7.0679, 39.8933

Rectangle

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



14.4974, 7.0679, 19.0125



14.6125, 7.0679, 2.2778



2.3814, 7.0679, 2.0954



2.3471, 7.0679, 18.2513

Sweetspot

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



14.4977, 7.0683, 19.0126



35.3126, 28.8570, 44.8749



5.0729, 2.0600, 25.3298



7.6794, 6.0613, 9.8564



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.



14.4977, 7.0683, 19.0126



25.9170, 12.6392, 33.8092



11.5981, 5.9084, 3.7438



5.5954, 5.4987, 6.6335



13.2229, 6.4462, 17.3572



0.1320, 0.0639, 0.1954

Inverse Universe

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



14.4977, 7.0683, 19.0126



25.9170, 12.6392, 33.8092



11.3412, 19.7765, 12.7382



5.5954, 5.4987, 6.6335



13.2229, 6.4462, 17.3572



0.1320, 0.0639, 0.1954

Previews

White Background



This preview shows how the XYZ color 14.4974, 7.0679, 19.0125 looks on a white background.

Color Contrast Check

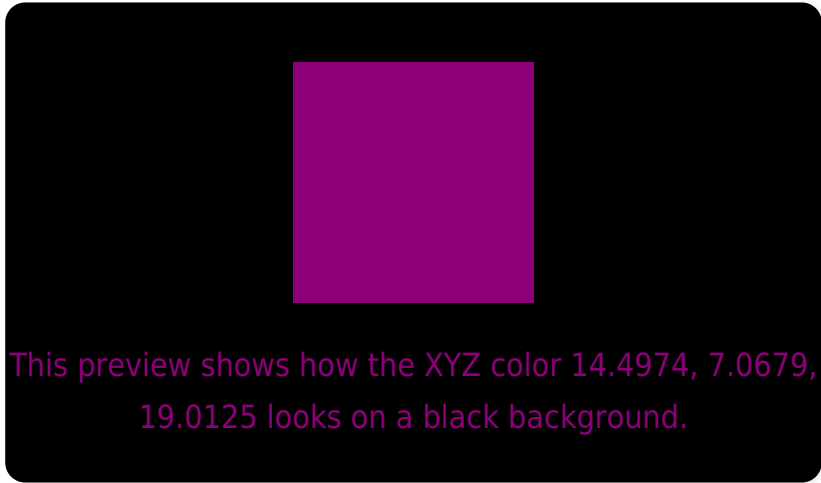
Large Text (above 18pt) WCAG AA ✓ Pass

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

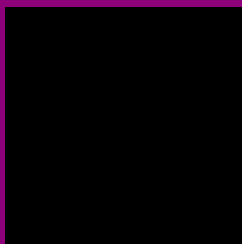
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.4974, 7.0679, 19.0125

Background



This preview shows how black text looks on a background with the XYZ color 14.4974, 7.0679, 19.0125.



This preview shows how white text looks on a background with the XYZ color 14.4974, 7.0679,

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

14.4974, 7.0679, 19.0125

Protanopia

8.9296, 7.7069, 34.2747

Deuteranopia

7.8116, 7.7204, 16.9981



Tritanopia

11.6462, 7.5038, 3.9665

Trichromacy



Original Color

14.4974, 7.0679, 19.0125

Protanomaly

7.6105, 4.8930, 27.7375

Deuteranomaly

8.6659, 5.7897, 17.4904

Tritanomaly

12.1461, 6.8342, 7.7001

Monochromacy



Original Color

14.4974, 7.0679, 19.0125

Achromatopsia

3.7589, 3.9546, 4.3066

Achromatomaly

6.0093, 3.8672, 8.0191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4974, 7.0679, 19.0125 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, 0, 122)` looks like.

```
.text, #text, p{  
    color:rgb(141, 0, 122)  
}
```

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, 0, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 0, 122) }
```

Border

The CSS property to change the border of an element to XYZ 14.4974, 7.0679, 19.0125 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, 0, 122) }
```


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

```
.border{ border-color:rgb(141, 0, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 0, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 0, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 0, 122);  
box-shadow:4px 4px 4px 4px rgb(141, 0,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4974, 7.0679, 19.0125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 0, 122) }
```

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

```
.background{ background-color: rgb(141, 0,  
122) }
```

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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