

Converting Colors

XYZ(14.5483, 6.2232, 18.9564)

Have a look what the booklet for
XYZ(14.5483, 6.2232, 18.9564)
contains.

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Color

**XYZ(15.1899, 7.4249,
19.0449)**

Conversions

Conversions Part 1

Format	Color
Hex	91007A
RGB	145, 0, 122
RGB Percent	57%, 0%, 48%
CMY	0.4314, 0.9999, 0.5216
CMYK	0.00, 1.00, 0.16, 0.43
HSL	310°, 100%, 28%
HSV	310°, 100%, 57%
XYZ	15.1899, 7.4249, 19.0449
YIQ	57.2630, 47.2580, 68.6820

Conversions

Conversions Part 2

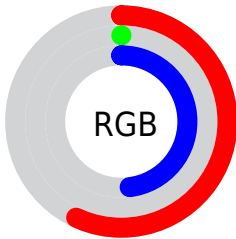
Format	Color
R_{YB}	145, 0, 122
Decimal	9502842
CIE _{Lab}	32.76, 61.18, -27.79
CIE _{LCh}	33, 67.200, 335.573
Yxy	7.4249, 0.3646, 0.1782
Android (android.graphics.Color)	4287692922 (0xFF91007A)
YUV	57.2630, 31.9153, 76.9453
Hunter-Lab	27.2487, 51.8205, -22.3655

Details

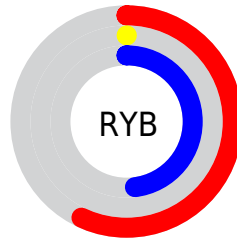
The XYZ color **15.1899, 7.4249, 19.0449** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **10.2805, 20.3130, 4.1904**, and the grayscale version is **3.8798, 4.0818, 4.4451**.

A 20% lighter version of the original color is **34.6794, 20.8206, 42.7484**, and **5.4190, 2.6547, 6.5301** is the 20% darker color. If you saturate the color by 10%, you get **15.1898, 7.4249, 19.0441**, and if you desaturate by 10%, it is **15.4983, 7.8108, 19.8593**.

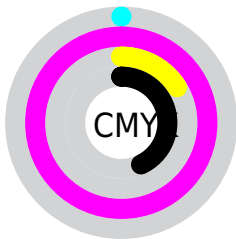
Distribution



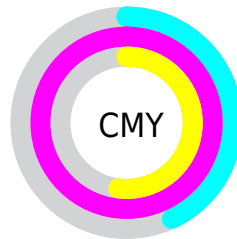
- Red (57%)
- Green (0%)
- Blue (48%)



- Red (57%)
- Yellow (0%)
- Blue (48%)



- Cyan (0%)
- Magenta (100%)
- Yellow (16%)
- Black (43%)





- Cyan (43%)
- Magenta (100%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.1899, 7.4249, 19.0449 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 15.1899, 7.4249, 19.0449 by changing the saturation by 10% instead.


 15.1899, 7.4249,
19.0449


 15.1899, 7.4249,
19.0449


217.8784,
171.1490, 259.1275


 9.0400, 3.7292,
11.5256


 34.7549, 20.8230,
42.6477


 4.8246, 1.5233,
6.3029

 48.9007, 31.2943,
59.5682


 2.1784, 0.3050,
2.9584

 66.4424, 44.7928,
80.4595

 0.7313, 0.0000,
1.0734

 87.7455, 61.7031,
105.7403


 0.0000, 0.0000,
0.0000


 113.1753, 82.4094,
135.8289


 143.0972,

107.2963, 171.1439

 177.8764,
136.7480, 212.1040


 15.1899, 7.4249,
19.0449


 15.1899, 7.4249,
19.0449


 15.1898, 7.4249,
19.0441

 15.4983, 7.8108,
19.8593

 15.9217, 8.4212,
20.7288

 16.5158, 9.3677,
21.6721

 17.3014, 10.6917,
22.6962

 18.2964, 12.4289,
23.8071

■ 19.5165, 14.6108,
25.0103

■ 20.9760, 17.2657,
26.3106

■ 22.6878, 20.4198,
27.7124

■ 24.6641, 24.0970,
29.2199

Harmonies

Analogous

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



11.7736, 7.4249, 36.3314



15.1899, 7.4249, 19.0449



16.1670, 7.4249, 6.3439

Triad

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



15.1899, 7.4249, 19.0449



6.4199, 7.4249, 0.0000



2.8587, 7.4249, 25.4222

Complementary

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



15.1899, 7.4249, 19.0449



10.2805, 20.3130, 4.1904

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.



2.2361, 7.4249, 10.1174



15.1899, 7.4249, 19.0449



3.8060, 7.4249, 0.1270

Square

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



15.1899, 7.4249, 19.0449



10.2432, 7.4249, 0.0000



2.5136, 7.4249, 2.4251



4.6114, 7.4249, 41.7042

Rectangle

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



15.1899, 7.4249, 19.0449



15.0947, 7.4249, 2.2710



2.5136, 7.4249, 2.4251



2.5425, 7.4249, 19.6741

Sweetspot

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



15.1902, 7.4253, 19.0450



37.3850, 30.5913, 46.9646



5.4367, 2.2126, 26.9288



8.0897, 6.3910, 10.2500



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.



15.1902, 7.4253, 19.0450



27.1495, 13.2755, 33.8254



12.2696, 6.2570, 3.6654



5.5900, 5.4965, 6.6050



13.0366, 6.3717, 16.3759



0.1310, 0.0635, 0.1902

Inverse Universe

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



15.1902, 7.4253, 19.0450



27.1495, 13.2755, 33.8254



12.1576, 21.0638, 14.0749



5.5900, 5.4965, 6.6050



13.0366, 6.3717, 16.3759



0.1310, 0.0635, 0.1902

Previews

White Background



This preview shows how the XYZ color 15.1899, 7.4249, 19.0449 looks on a white background.

Color Contrast Check

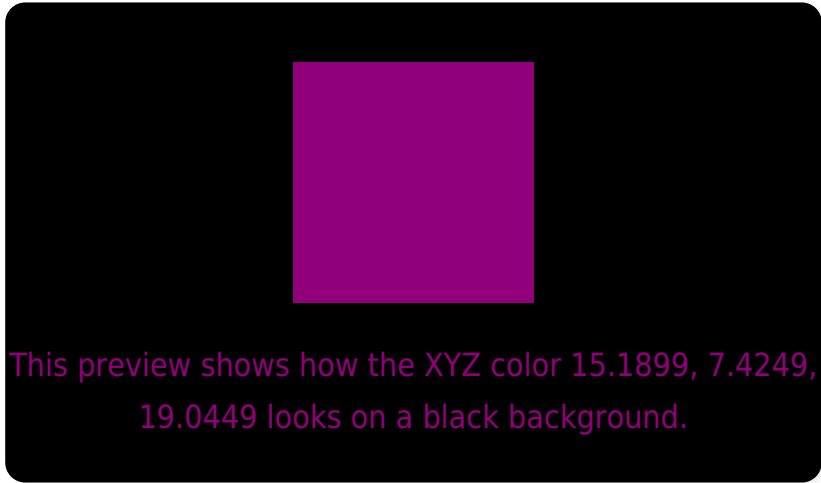
Large Text (above 18pt) WCAG AA ✓ Pass

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

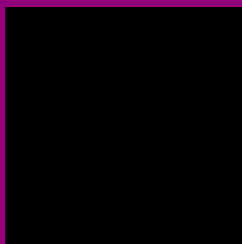
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.1899, 7.4249, 19.0449

Background



This preview shows how black text looks on a background with the XYZ color 15.1899, 7.4249, 19.0449.



This preview shows how white text looks on a background with the XYZ color 15.1899, 7.4249,

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

15.1899, 7.4249, 19.0449

Protanopia

9.3547, 7.9881, 36.1708

Deuteranopia

8.1480, 8.0002, 17.0343



Tritanopia

12.3020, 7.8419, 3.9972

Trichromacy



Original Color

15.1899, 7.4249, 19.0449

Protanomaly

7.9913, 5.1234, 29.0015

Deuteranomaly

9.0708, 5.9985, 17.5094

Tritanomaly

12.8140, 7.1785, 7.7314

Monochromacy



Original Color

15.1899, 7.4249, 19.0449

Achromatopsia

3.8890, 4.0915, 4.4557

Achromatomaly

6.2359, 3.9797, 8.2241

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1899, 7.4249, 19.0449 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(145, 0, 122)` looks like.

```
.text, #text, p{  
    color:rgb(145, 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(145, 0, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 0, 122) }
```

Border

The CSS property to change the border of an element to XYZ 15.1899, 7.4249, 19.0449 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(145, 0, 122) }
```


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

```
.border{ border-color:rgb(145, 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(145, 0, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 0, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 0, 122);  
box-shadow:4px 4px 4px 4px rgb(145, 0,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1899, 7.4249, 19.0449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 0, 122) }
```

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

```
.background{ background-color: rgb(145, 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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