

Converting Colors

XYZ(14.8156, 7.2308, 19.0778)

Have a look what the booklet for
XYZ(14.8156, 7.2308, 19.0778)
contains.

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Color

**XYZ(14.8405, 7.2448,
19.0286)**

Conversions

Conversions Part 1

Format	Color
Hex	8F007A
RGB	143, 0, 122
RGB Percent	56%, 0%, 48%
CMY	0.4392, 0.9999, 0.5216
CMYK	0.00, 1.00, 0.15, 0.44
HSL	309°, 100%, 28%
HSV	309°, 100%, 56%
XYZ	14.8405, 7.2448, 19.0286
YIQ	56.6650, 46.0660, 68.2580

Conversions

Conversions Part 2

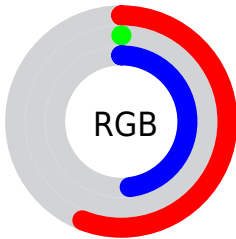
Format	Color
RYB	143, 0, 122
Decimal	9371770
CIELab	32.36, 60.80, -28.44
CIElCh	32, 67.125, 334.930
Yxy	7.2448, 0.3610, 0.1762
Android (android.graphics.Color)	4287561850 (0xFF8F007A)
YUV	56.6650, 32.2102, 75.7158
Hunter-Lab	26.9162, 51.3145, -23.0742

Details

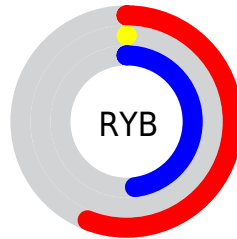
The XYZ color **14.8405, 7.2448, 19.0286** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **9.9582, 19.6993, 3.9878**, and the grayscale version is **3.8016, 3.9995, 4.3555**.

A 20% lighter version of the original color is **34.0734, 20.4067, 42.7005**, and **5.2271, 2.5557, 6.5211** is the 20% darker color. If you saturate the color by 10%, you get **14.8404, 7.2447, 19.0278**, and if you desaturate by 10%, it is **15.1335, 7.6201, 19.7754**.

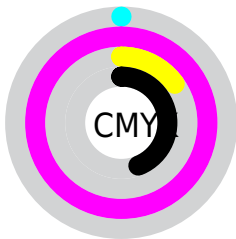
Distribution



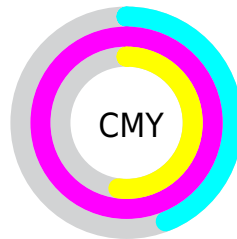
- Red (56%)
- Green (0%)
- Blue (48%)



- Red (56%)
- Yellow (0%)
- Blue (48%)



- Cyan (0%)
- Magenta (100%)
- Yellow (15%)
- Black (44%)



- Cyan (44%)
- Magenta (100%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8405, 7.2448, 19.0286 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 14.8405, 7.2448, 19.0286 by changing the saturation by 10% instead.

14.8405, 7.2448,
19.0286

14.8405, 7.2448,
19.0286

215.8063,
169.6826, 259.0346

8.7931, 3.6157,
11.5139

34.1471, 20.4640,
42.6198

4.6625, 1.4610,
6.2951

48.1370, 30.8229,
59.5333

2.0833, 0.2610,
2.9537

65.5051, 44.1938,
80.4169

0.6801, 0.0000,
1.0710


86.6168, 60.9611,
105.6891


0.0000, 0.0000,
0.0000

111.8374, 81.5093,
135.7685

141.5323,


106.2226, 171.0735

 176.0668,
135.4856, 212.0226

 14.8405, 7.2448,
19.0286


 14.8405, 7.2448,
19.0286


 14.8404, 7.2447,
19.0278

 15.1335, 7.6201,
19.7754

 15.5366, 8.2113,
20.5727

 16.1047, 9.1278,
21.4392

 16.8579, 10.4099,
22.3814

 17.8132, 12.0919,
23.4053

■ 18.9861, 14.2041,
24.5159

■ 20.3901, 16.7741,
25.7180

■ 22.0379, 19.8269,
27.0158

■ 23.9412, 23.3860,
28.4133

Harmonies

Analogous

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



11.4406, 7.2448, 36.0874



14.8405, 7.2448, 19.0286



15.8680, 7.2448, 6.3617

Triad

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



14.8405, 7.2448, 19.0286



6.3299, 7.2448, 0.0000



2.7451, 7.2448, 24.5990

Complementary

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



14.8405, 7.2448, 19.0286



9.9582, 19.6993, 3.9878

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.



2.1571, 7.2448, 9.6416



14.8405, 7.2448, 19.0286



3.7360, 7.2448, 0.0529

Square

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



14.8405, 7.2448, 19.0286



10.1070, 7.2448, 0.0000



2.4469, 7.2448, 2.2562



4.4342, 7.2448, 40.7904

Rectangle

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



14.8405, 7.2448, 19.0286



14.8520, 7.2448, 2.2745



2.4469, 7.2448, 2.2562



2.4435, 7.2448, 18.9529

Sweetspot

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



14.8408, 7.2452, 19.0287



36.3401, 29.7167, 45.9127



5.2283, 2.1228, 26.1208



8.1065, 6.3977, 10.3386



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.



14.8408, 7.2452, 19.0287



26.5277, 12.9545, 33.8170



11.9578, 6.0920, 3.8471



5.5927, 5.4976, 6.6190



13.1277, 6.4081, 16.8555



0.1315, 0.0637, 0.1928

Inverse Universe

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



14.8408, 7.2452, 19.0287



26.5277, 12.9545, 33.8170



11.6926, 20.3930, 13.1212



5.5927, 5.4976, 6.6190



13.1277, 6.4081, 16.8555



0.1315, 0.0637, 0.1928

Previews

White Background



This preview shows how the XYZ color 14.8405, 7.2448, 19.0286 looks on a white background.

Color Contrast Check

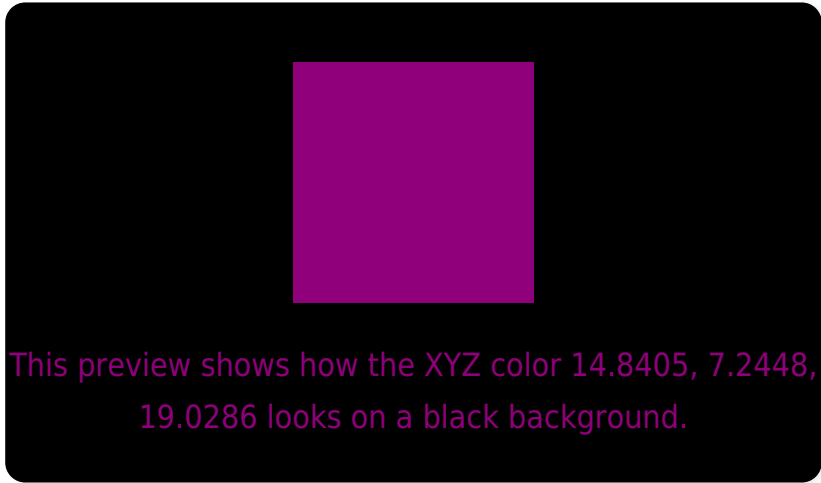
Large Text (above 18pt) WCAG AA ✓ Pass

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

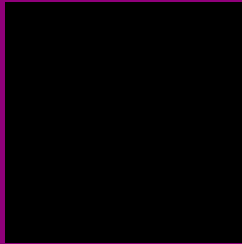
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.8405, 7.2448, 19.0286

Background



This preview shows how black text looks on a background with the XYZ color 14.8405, 7.2448, 19.0286.



This preview shows how white text looks on a background with the XYZ color 14.8405, 7.2448,

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

14.8405, 7.2448, 19.0286

Protanopia

9.1060, 7.7775, 35.2037

Deuteranopia

8.0132, 7.9307, 17.0280



Tritanopia

11.9710, 7.6713, 3.9817

Trichromacy



Original Color

14.8405, 7.2448, 19.0286

Protanomaly

7.7396, 4.9506, 28.1514

Deuteranomaly

8.8657, 5.8927, 17.4998

Tritanomaly

12.4770, 7.0048, 7.7156

Monochromacy



Original Color

14.8405, 7.2448, 19.0286

Achromatopsia

3.8890, 4.0915, 4.4557

Achromatomaly

6.1406, 3.9305, 8.2196

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8405, 7.2448, 19.0286 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(143, 0, 122)` looks like.

```
.text, #text, p{  
    color:rgb(143, 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(143, 0, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 0, 122) }
```

Border

The CSS property to change the border of an element to XYZ 14.8405, 7.2448, 19.0286 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(143, 0, 122) }
```


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

```
.border{ border-color:rgb(143, 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(143, 0, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 0, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 0, 122);  
box-shadow:4px 4px 4px 4px rgb(143, 0,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8405, 7.2448, 19.0286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 0, 122) }
```

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

```
.background{ background-color: rgb(143, 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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