

Converting Colors

XYZ(16.1075, 7.8947, 19.2337)

Have a look what the booklet for
XYZ(16.1075, 7.8947, 19.2337)
contains.

XYZ(16.0905, 7.8892, 19.0871)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(16.0905, 7.8892,
19.0871)**

Conversions

Conversions Part 1

Format	Color
Hex	96007A
RGB	150, 0, 122
RGB Percent	59%, 0%, 48%
CMY	0.4118, 0.9999, 0.5216
CMYK	0.00, 1.00, 0.19, 0.41
HSL	311°, 100%, 29%
HSV	311°, 100%, 59%
XYZ	16.0905, 7.8892, 19.0871
YIQ	58.7580, 50.2380, 69.7420

Conversions

Conversions Part 2

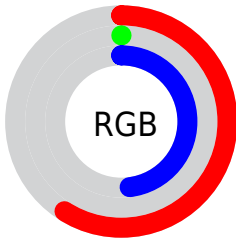
Format	Color
R_{YB}	150, 0, 122
Decimal	9830522
CIE _{Lab}	33.75, 62.15, -26.15
CIE _{LCh}	34, 67.432, 337.178
Yxy	7.8892, 0.3736, 0.1832
Android (android.graphics.Color)	4288020602 (0xFF96007A)
YUV	58.7580, 31.1783, 80.0192
Hunter-Lab	28.0877, 53.1031, -20.6293

Details

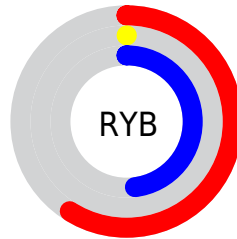
The XYZ color **16.0905, 7.8892, 19.0871** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **11.1164, 21.8968, 4.7404**, and the grayscale version is **4.0798, 4.2922, 4.6742**.

A 20% lighter version of the original color is **36.4042, 21.8128, 42.8490**, and **5.8187, 2.8607, 6.5488** is the 20% darker color. If you saturate the color by 10%, you get **16.0903, 7.8891, 19.0860**, and if you desaturate by 10%, it is **16.4377, 8.3018, 20.0714**.

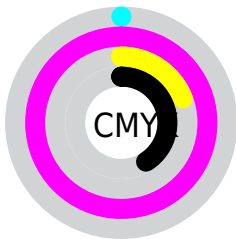
Distribution



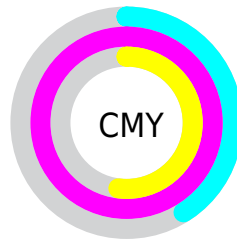
- Red (59%)
- Green (0%)
- Blue (48%)



- Red (59%)
- Yellow (0%)
- Blue (48%)



- Cyan (0%)
- Magenta (100%)
- Yellow (19%)
- Black (41%)




- Cyan (41%)
- Magenta (100%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.0905, 7.8892, 19.0871 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 16.0905, 7.8892, 19.0871 by changing the saturation by 10% instead.


 16.0905, 7.8892,
19.0871


 16.0905, 7.8892,
19.0871


223.1351,
174.8603, 259.3679

 9.6795, 4.0241,
11.5558


 36.3114, 21.7409,
42.7199


 5.2476, 1.6871,
6.3231

 50.8520, 32.4964,
59.6584

 2.4295, 0.4153,
2.9706

 68.8332, 46.3175,
80.5698

 0.8598, 0.0000,
1.0796


 90.6203, 63.5885,
105.8725


 0.0000, 0.0000,
0.0000

 116.5787, 84.6939,
135.9852


 147.0737,

110.0181, 171.3263


 182.4707,
139.9454, 212.3143


 16.0905, 7.8892,
19.0871


 16.0905, 7.8892,
19.0871


 16.0903, 7.8891,
19.0860

 16.4377, 8.3018,
20.0714

 16.9125, 8.9616,
21.1230

 17.5731, 9.9848,
22.2617

 18.4422, 11.4168,
23.4951

 19.5392, 13.2965,
24.8300

■ 20.8813, 15.6580,
26.2722

■ 22.4840, 18.5322,
27.8271

■ 24.3614, 21.9476,
29.4997

■ 26.5268, 25.9304,
31.2945

Harmonies

Analogous

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



12.6366, 7.8892, 36.9519



16.0905, 7.8892, 19.0871



16.9339, 7.8892, 6.2993

Triad

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



16.0905, 7.8892, 19.0871



6.6489, 7.8892, 0.0000



3.1566, 7.8892, 27.5682

Complementary

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



16.0905, 7.8892, 19.0871



11.1164, 21.8968, 4.7404

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.



2.4421, 7.8892, 11.3780



16.0905, 7.8892, 19.0871



3.9847, 7.8892, 0.3121

Square

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



16.0905, 7.8892, 19.0871



10.5904, 7.8892, 0.0000



2.6857, 7.8892, 2.8847



5.0758, 7.8892, 44.0596

Rectangle

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



16.0905, 7.8892, 19.0871



15.7155, 7.8892, 2.2617



2.6857, 7.8892, 2.8847



2.8019, 7.8892, 21.5631

Sweetspot

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



16.0908, 7.8896, 19.0872



39.4948, 32.3722, 48.9371



5.9710, 2.4425, 29.0109



8.5046, 6.7277, 10.6099



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.



16.0908, 7.8896, 19.0872



28.3357, 13.8984, 33.3656



13.1014, 6.6939, 3.3455



5.9894, 5.8908, 7.0501



13.3559, 6.5474, 15.8870



0.1731, 0.0840, 0.2453

Inverse Universe

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



16.0908, 7.8896, 19.0872



28.3357, 13.8984, 33.3656



13.3301, 22.7822, 16.3972



5.9894, 5.8908, 7.0501



13.3559, 6.5474, 15.8870



0.1731, 0.0840, 0.2453

Previews

White Background



This preview shows how the XYZ color 16.0905, 7.8892, 19.0871 looks on a white background.

Color Contrast Check

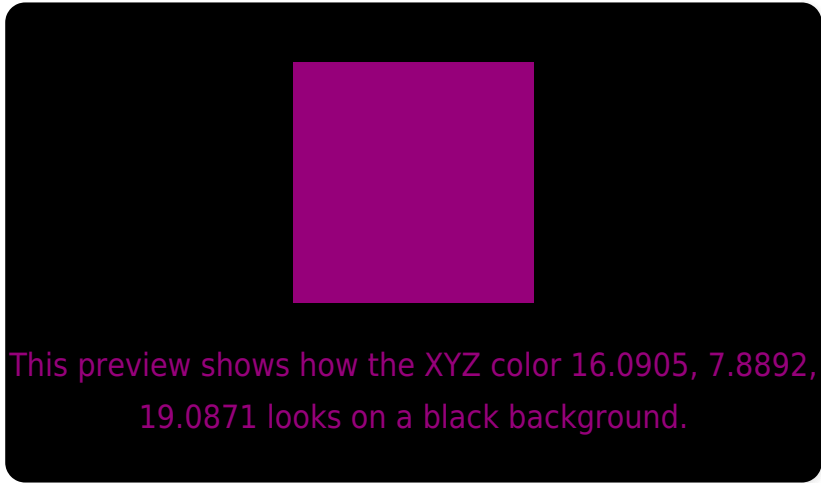
Large Text (above 18pt) WCAG AA ✓ Pass

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

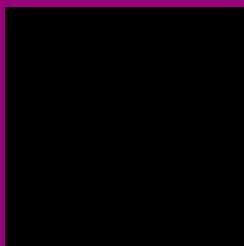
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.0905, 7.8892, 19.0871

Background



This preview shows how black text looks on a background with the XYZ color 16.0905, 7.8892, 19.0871.



This preview shows how white text looks on a background with the XYZ color 16.0905, 7.8892, 19.0871.

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

16.0905, 7.8892, 19.0871

Protanopia

9.9574, 8.4565, 38.6436

Deuteranopia

8.6522, 8.4775, 17.0999



Tritanopia

13.1561, 8.2822, 4.0372

Trichromacy



Original Color

16.0905, 7.8892, 19.0871

Protanomaly

8.3836, 5.3604, 30.2986

Deuteranomaly

9.6944, 6.4497, 17.5636

Tritanomaly

13.6836, 7.6268, 7.7721

Monochromacy



Original Color

16.0905, 7.8892, 19.0871

Achromatopsia

4.1570, 4.3735, 4.7627

Achromatomaly

6.6297, 4.2707, 8.4576

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0905, 7.8892, 19.0871 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, 0, 122)` looks like.

```
.text, #text, p{  
    color:rgb(150, 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(150, 0, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 0, 122) }
```

Border

The CSS property to change the border of an element to XYZ 16.0905, 7.8892, 19.0871 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, 0, 122) }
```


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

```
.border{ border-color:rgb(150, 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(150, 0, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 0, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 0, 122);  
box-shadow:4px 4px 4px 4px rgb(150, 0,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0905, 7.8892, 19.0871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 0, 122) }
```

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

```
.background{ background-color: rgb(150, 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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