

Converting Colors

XYZ(15.9900, 7.9451, 14.2149)

Have a look what the booklet for
XYZ(15.9900, 7.9451, 14.2149)
contains.

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Color

**XYZ(15.9279, 7.9106,
14.3231)**

Conversions

Conversions Part 1

Format	Color
Hex	9A006A
RGB	154, 0, 106
RGB Percent	60%, 0%, 42%
CMY	0.3961, 0.9999, 0.5843
CMYK	0.00, 1.00, 0.31, 0.40
HSL	319°, 100%, 30%
HSV	319°, 100%, 60%
XYZ	15.9279, 7.9106, 14.3231
YIQ	58.1300, 57.7580, 65.6140

Conversions

Conversions Part 2

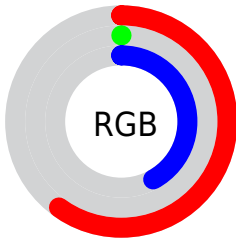
Format	Color
RYB	154, 0, 106
Decimal	10092650
CIELab	33.80, 61.02, -15.86
CIELCh	34, 63.051, 345.431
Yxy	7.9106, 0.4174, 0.2073
Android (android.graphics.Color)	4288282730 (0xFF9A006A)
YUV	58.1300, 23.5999, 84.0780
Hunter-Lab	28.1258, 51.8661, -10.5055

Details

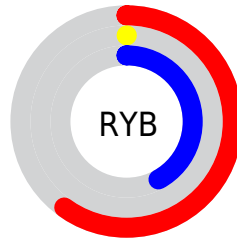
The XYZ color **15.9279, 7.9106, 14.3231** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **12.0897, 23.3248, 6.6632**, and the grayscale version is **4.0044, 4.2130, 4.5879**.

A 20% lighter version of the original color is **35.8911, 21.7391, 34.2027**, and **5.8264, 2.9124, 4.3927** is the 20% darker color. If you saturate the color by 10%, you get **15.9276, 7.9105, 14.3216**, and if you desaturate by 10%, it is **16.3615, 8.3669, 15.7341**.

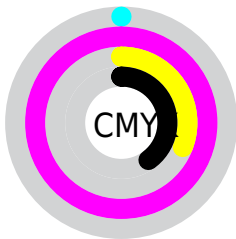
Distribution



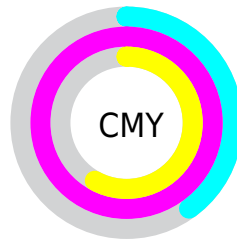
- Red (60%)
- Green (0%)
- Blue (42%)



- Red (60%)
- Yellow (0%)
- Blue (42%)



- Cyan (0%)
- Magenta (100%)
- Yellow (31%)
- Black (40%)





- Cyan (40%)
- Magenta (100%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.9279, 7.9106, 14.3231 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 15.9279, 7.9106, 14.3231 by changing the saturation by 10% instead.


 15.9279, 7.9106,
14.3231


 15.9279, 7.9106,
14.3231


222.1947,
175.0291, 230.7296


 9.5637, 4.0378,
8.2044


 36.0314, 21.7830,
34.3866


 5.1707, 1.6947,
4.1364

 50.5015, 32.5514,
49.1684


 2.3835, 0.4202,
1.7005

 68.4042, 46.3871,
67.6751

 0.8369, 0.0000,
0.3610

 90.1048, 63.6745,
90.3252

 0.0000, 0.0000,
0.0000

 115.9689, 84.7980,
117.5371

 146.3616,

110.1420, 149.7294

181.6484,
140.0909, 187.3208

15.9279, 7.9106,
14.3231

15.9279, 7.9106,
14.3231

15.9276, 7.9105,
14.3216

16.3615, 8.3669,
15.7341

16.9409, 9.0922,
17.2638

17.7266, 10.2070,
18.9333

18.7430, 11.7598,
20.7519

20.0111, 13.7922,
22.7276

■ 21.5493, 16.3408,
24.8675

■ 23.3743, 19.4387,
27.1783

■ 25.5016, 23.1163,
29.6658

■ 27.9451, 27.4015,
32.3359

Harmonies

Analogous

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



13.2960, 7.9106, 29.9731



15.9279, 7.9106, 14.3231



15.8854, 7.9106, 4.4865

Triad

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



15.9279, 7.9106, 14.3231



5.8900, 7.9106, 0.0000



3.7615, 7.9106, 30.4386

Complementary

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



15.9279, 7.9106, 14.3231



12.0897, 23.3248, 6.6632

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.



2.7695, 7.9106, 14.7133



15.9279, 7.9106, 14.3231



3.7173, 7.9106, 0.9804

Square

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



15.9279, 7.9106, 14.3231



9.3118, 7.9106, 0.0000



2.7563, 7.9106, 4.6672



5.9721, 7.9106, 43.1271

Rectangle

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



15.9279, 7.9106, 14.3231



14.3133, 7.9106, 1.6312



2.7563, 7.9106, 4.6672



3.3089, 7.9106, 24.9626

Sweetspot

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



15.9281, 7.9110, 14.3232



42.2424, 34.9369, 49.1048



6.9693, 2.9193, 30.7680



9.2550, 7.3852, 10.7345



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.9281, 7.9110, 14.3232



28.8434, 14.3339, 25.5400



13.5715, 6.9684, 1.9133



6.3792, 6.2908, 7.3770



12.9932, 6.4515, 11.7553



0.2104, 0.1029, 0.2608

Inverse Universe

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



15.9281, 7.9110, 14.3232



28.8434, 14.3339, 25.5400



15.1437, 24.5465, 22.7456



6.3792, 6.2908, 7.3770



12.9932, 6.4515, 11.7553



0.2104, 0.1029, 0.2608

Previews

White Background



This preview shows how the XYZ color 15.9279, 7.9106, 14.3231 looks on a white background.

Color Contrast Check

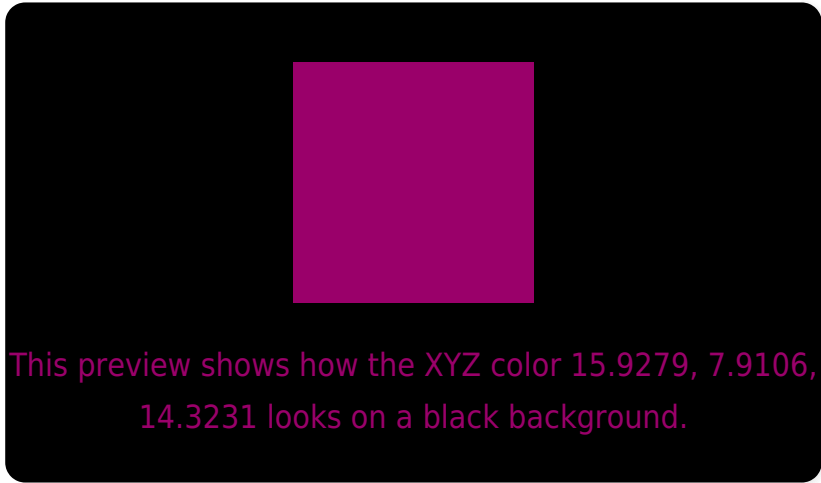
Large Text (above 18pt) WCAG AA ✓ Pass

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

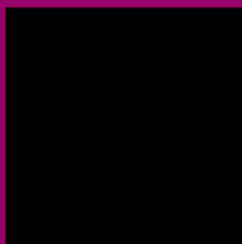
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.9279, 7.9106, 14.3231

Background



This preview shows how black text looks on a background with the XYZ color 15.9279, 7.9106, 14.3231.



This preview shows how white text looks on a background with the XYZ color 15.9279, 7.9106,

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

15.9279, 7.9106, 14.3231

Protanopia

9.6269, 8.5760, 30.4261

Deuteranopia

8.6742, 8.5795, 13.0032



Tritanopia

13.8603, 8.3218, 3.2586

Trichromacy



Original Color

15.9279, 7.9106, 14.3231

Protanomaly

9.3948, 6.0954, 23.6030

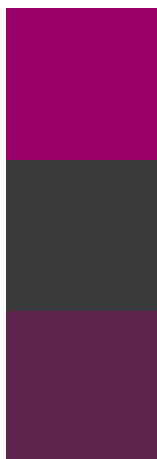
Deuteranomaly

9.8106, 6.6034, 13.3279

Tritanomaly

14.1676, 7.7684, 6.0629

Monochromacy



Original Color

15.9279, 7.9106, 14.3231

Achromatopsia

4.0217, 4.2311, 4.6077

Achromatomaly

6.4458, 4.1583, 7.1195

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9279, 7.9106, 14.3231 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(154, 0, 106)` looks like.

```
.text, #text, p{  
    color:rgb(154, 0, 106)  
}
```

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(154, 0, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 0, 106) }
```

Border

The CSS property to change the border of an element to XYZ 15.9279, 7.9106, 14.3231 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(154, 0, 106) }
```


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

```
.border{ border-color:rgb(154, 0, 106) }
```

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

Here you see how a box with a 4 pixel rgb(154, 0, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 0, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 0, 106);  
box-shadow:4px 4px 4px 4px rgb(154, 0,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9279, 7.9106, 14.3231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 0, 106) }
```

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

```
.background{ background-color: rgb(154, 0,  
106) }
```

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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