

Converting Colors

XYZ(14.3916, 6.1747, 13.9514)

Have a look what the booklet for
XYZ(14.3916, 6.1747, 13.9514)
contains.

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Color

**XYZ(14.9959, 7.4302,
14.2795)**

Conversions

Conversions Part 1

Format	Color
Hex	95006A
RGB	149, 0, 106
RGB Percent	58%, 0%, 42%
CMY	0.4157, 0.9999, 0.5843
CMYK	0.00, 1.00, 0.29, 0.42
HSL	317°, 100%, 29%
HSV	317°, 100%, 58%
XYZ	14.9959, 7.4302, 14.2795
YIQ	56.6350, 54.7780, 64.5540

Conversions

Conversions Part 2

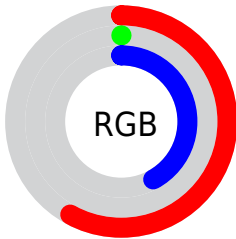
Format	Color
RYB	149, 0, 106
Decimal	9764970
CIELab	32.77, 59.97, -17.53
CIElCh	33, 62.485, 343.705
Yxy	7.4302, 0.4085, 0.2024
Android (android.graphics.Color)	4287955050 (0xFF95006A)
YUV	56.6350, 24.3369, 81.0041
Hunter-Lab	27.2584, 50.4976, -11.9786

Details

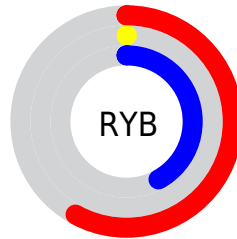
The XYZ color **14.9959, 7.4302, 14.2795** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **11.1841, 21.6695, 5.8806**, and the grayscale version is **3.8070, 4.0053, 4.3618**.

A 20% lighter version of the original color is **34.4024, 20.8686, 34.1131**, and **5.3036, 2.6429, 4.3683** is the 20% darker color. If you saturate the color by 10%, you get **14.9956, 7.4300, 14.2779**, and if you desaturate by 10%, it is **15.3950, 7.8613, 15.5439**.

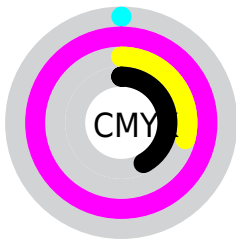
Distribution



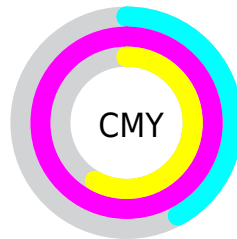
- Red (58%)
- Green (0%)
- Blue (42%)



- Red (58%)
- Yellow (0%)
- Blue (42%)



- Cyan (0%)
- Magenta (100%)
- Yellow (29%)
- Black (42%)





- Cyan (42%)
- Magenta (100%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.9959, 7.4302, 14.2795 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 14.9959, 7.4302, 14.2795 by changing the saturation by 10% instead.


 14.9959, 7.4302,
14.2795


 14.9959, 7.4302,
14.2795


216.7303,
171.1920, 230.4513


 8.9028, 3.7326,
8.1744


 34.4177, 20.8336,
34.3084


 4.7344, 1.5251,
4.1173

 48.4771, 31.3081,
49.0692


 2.1255, 0.3063,
1.6899

 65.9227, 44.8104,
67.5523

 0.7030, 0.0000,
0.3538


 87.1198, 61.7248,
90.1763


 0.0000, 0.0000,
0.0000


 112.4337, 82.4358,
117.3596


 142.2299,


107.3277, 149.5209

 176.8736,
136.7850, 187.0786

 14.9959, 7.4302,
14.2795

 14.9959, 7.4302,
14.2795


 14.9956, 7.4300,
14.2779

 15.3950, 7.8613,
15.5439

 15.9257, 8.5377,
16.9082

 16.6460, 9.5746,
18.3927

 17.5783, 11.0168,
20.0054

 18.7417, 12.9024,
21.7536

■ 20.1533, 15.2651,
23.6437

■ 21.8284, 18.1354,
25.6814

■ 23.7810, 21.5412,
27.8722

■ 26.0243, 25.5084,
30.2210

Harmonies

Analogous

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



12.3687, 7.4302, 29.3883



14.9959, 7.4302, 14.2795



15.1179, 7.4302, 4.5251

Triad

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



14.9959, 7.4302, 14.2795



5.6727, 7.4302, 0.0000



3.4177, 7.4302, 28.0473

Complementary

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



14.9959, 7.4302, 14.2795



11.1841, 21.6695, 5.8806

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.



2.5405, 7.4302, 13.1602



14.9959, 7.4302, 14.2795



3.5432, 7.4302, 0.7917

Square

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



14.9959, 7.4302, 14.2795



8.9807, 7.4302, 0.0000



2.5779, 7.4302, 4.0114



5.4384, 7.4302, 40.6875

Rectangle

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



14.9959, 7.4302, 14.2795



13.7039, 7.4302, 1.6414



2.5779, 7.4302, 4.0114



3.0118, 7.4302, 22.7942

Sweetspot

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



14.9961, 7.4306, 14.2796



38.8909, 32.1307, 45.7571



6.3894, 2.6675, 28.6118



8.3560, 6.6683, 9.8275



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.



14.9961, 7.4306, 14.2796



26.7744, 13.2739, 25.1441



12.6594, 6.4959, 1.9746



5.9647, 5.8809, 6.9202



12.6342, 6.2587, 12.0865



0.1674, 0.0817, 0.2153

Inverse Universe

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



14.9961, 7.4306, 14.2796



26.7744, 13.2739, 25.1441



13.9422, 22.7727, 20.4045



5.9647, 5.8809, 6.9202



12.6342, 6.2587, 12.0865



0.1674, 0.0817, 0.2153

Previews

White Background



This preview shows how the XYZ color 14.9959, 7.4302, 14.2795 looks on a white background.

Color Contrast Check

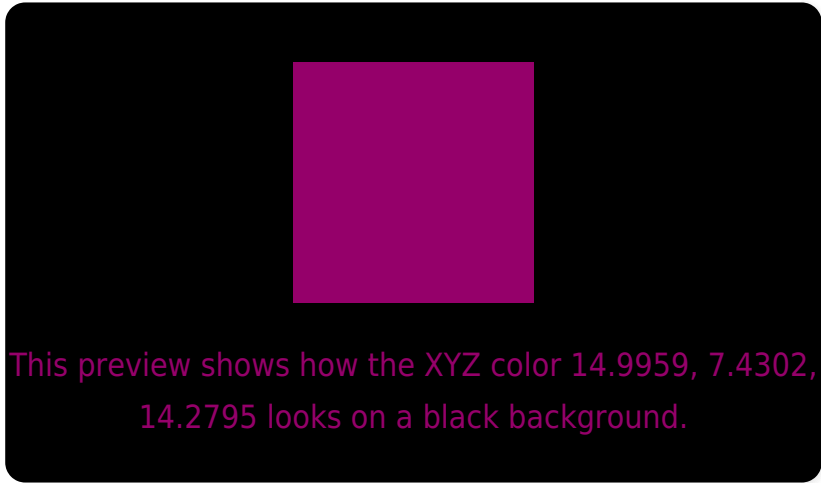
Large Text (above 18pt) WCAG AA ✓ Pass

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

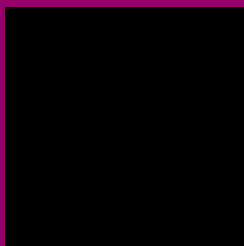
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.9959, 7.4302, 14.2795

Background



This preview shows how black text looks on a background with the XYZ color 14.9959, 7.4302, 14.2795.



This preview shows how white text looks on a background with the XYZ color 14.9959, 7.4302, 14.2795.

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

14.9959, 7.4302, 14.2795

Protanopia

9.2248, 8.1546, 30.3659

Deuteranopia

8.1900, 8.1125, 12.9386



Tritanopia

12.9596, 7.8575, 3.2165

Trichromacy



Original Color

14.9959, 7.4302, 14.2795

Protanomaly

8.8220, 5.7359, 23.5638

Deuteranomaly

9.2478, 6.1836, 13.2765

Tritanomaly

13.2591, 7.3001, 6.0204

Monochromacy



Original Color

14.9959, 7.4302, 14.2795

Achromatopsia

3.8890, 4.0915, 4.4557

Achromatomaly

6.1173, 3.9434, 7.0953

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9959, 7.4302, 14.2795 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(149, 0, 106)` looks like.

```
.text, #text, p{  
    color:rgb(149, 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(149, 0, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 0, 106) }
```

Border

The CSS property to change the border of an element to XYZ 14.9959, 7.4302, 14.2795 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(149, 0, 106) }
```


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

```
.border{ border-color:rgb(149, 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(149, 0, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 0, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 0, 106);  
box-shadow:4px 4px 4px 4px rgb(149, 0,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9959, 7.4302, 14.2795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 0, 106) }
```

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

```
.background{ background-color: rgb(149, 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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