

Converting Colors

XYZ(14.4271, 7.1021, 16.6649)

Have a look what the booklet for
XYZ(14.4271, 7.1021, 16.6649)
contains.

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Color

**XYZ(14.3758, 7.0763,
16.5278)**

Conversions

Conversions Part 1

Format	Color
Hex	8F0172
RGB	143, 1, 114
RGB Percent	56%, 0%, 45%
CMY	0.4392, 0.9960, 0.5529
CMYK	0.00, 0.99, 0.20, 0.44
HSL	312°, 99%, 28%
HSV	312°, 99%, 56%
XYZ	14.3758, 7.0763, 16.5278
YIQ	56.3400, 48.3590, 65.2470

Conversions

Conversions Part 2

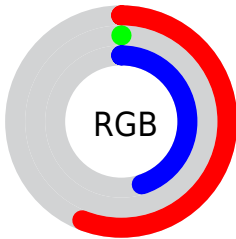
Format	Color
RYB	143, 1, 114
Decimal	9372018
CIELab	31.98, 59.59, -23.96
CIElCh	32, 64.228, 338.093
Yxy	7.0763, 0.3785, 0.1863
Android (android.graphics.Color)	4287562098 (0xFF8F0172)
YUV	56.3400, 28.4264, 76.0008
Hunter-Lab	26.6013, 49.9121, -18.2169

Details

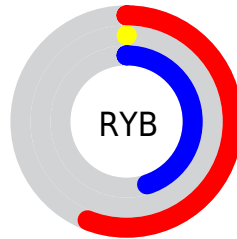
The XYZ color **14.3758, 7.0763, 16.5278** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **10.0698, 19.7454, 4.5100**, and the grayscale version is **3.7642, 3.9602, 4.3126**.

A 20% lighter version of the original color is **33.2184, 20.0647, 38.1985**, and **5.0079, 2.4681, 5.3667** is the 20% darker color. If you saturate the color by 10%, you get **14.3532, 7.0498, 16.4619**, and if you desaturate by 10%, it is **14.7093, 7.4729, 17.4725**.

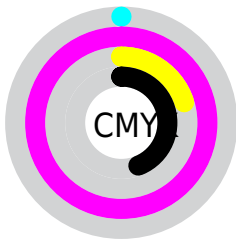
Distribution



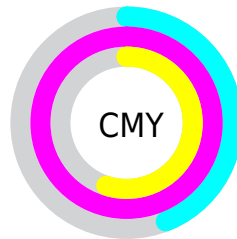
- Red (56%)
- Green (0%)
- Blue (45%)



- Red (56%)
- Yellow (0%)
- Blue (45%)



- Cyan (0%)
- Magenta (99%)
- Yellow (20%)
- Black (44%)




- Cyan (44%)
- Magenta (100%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.3758, 7.0763, 16.5278 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 14.3758, 7.0763, 16.5278 by changing the saturation by 10% instead.


 14.3758, 7.0763,
16.5278


 14.3758, 7.0763,
16.5278


213.0205,
168.2962, 244.3875


 8.4659, 3.5099,
9.7400


 33.3351, 20.1265,
38.2916


 4.4488, 1.4034,
5.1236

 47.1152, 30.3791,
54.1046


 1.9590, 0.2192,
2.2599

 64.2495, 43.6292,
73.7632

 0.6108, 0.0000,
0.7087


 85.1033, 60.2612,
97.6858

 0.0000, 0.0000,
0.0000

 110.0419, 80.6595,
126.2910

 139.4308,

105.2085, 159.9973


 173.6352,
134.2926, 199.2233

 14.3758, 7.0763,
16.5278


 14.3758, 7.0763,
16.5278

 14.3532, 7.0498,
16.4619

 14.7093, 7.4729,
17.4725

 15.1630, 8.1012,
18.4836

 15.7857, 9.0591,
19.5777

 16.5973, 10.3860,
20.7617

 17.6149, 12.1162,
22.0415

■ 18.8536, 14.2797,
23.4223

■ 20.3272, 16.9037,
24.9090

■ 22.0480, 20.0135,
26.5059

■ 24.0278, 23.6321,
28.2172

Harmonies

Analogous

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



11.3798, 7.0763, 32.2173



14.3758, 7.0763, 16.5278



15.0329, 7.0763, 5.4445

Triad

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



14.3758, 7.0763, 16.5278



5.8817, 7.0763, 0.0000



2.9013, 7.0763, 24.9268

Complementary

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



14.3758, 7.0763, 16.5278



10.0698, 19.7454, 4.5100

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.



2.2339, 7.0763, 10.5175



14.3758, 7.0763, 16.5278



3.5533, 7.0763, 0.3209

Square

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



14.3758, 7.0763, 16.5278



9.3452, 7.0763, 0.0000



2.4262, 7.0763, 2.7614



4.6482, 7.0763, 39.2296

Rectangle

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



14.3758, 7.0763, 16.5278



13.9068, 7.0763, 1.9671



2.4262, 7.0763, 2.7614



2.5739, 7.0763, 19.6222

Sweetspot

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



14.3760, 7.0767, 16.5279



36.0221, 29.5895, 44.2383



5.4875, 2.2726, 26.1361



8.0253, 6.3652, 9.9111



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.



14.3760, 7.0767, 16.5279



25.6417, 12.6001, 29.1511



11.7861, 6.0407, 2.8897



5.5797, 5.4924, 6.5508



12.6985, 6.2364, 14.5954



0.1291, 0.0627, 0.1801

Inverse Universe

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



14.3760, 7.0767, 16.5279



25.6417, 12.6001, 29.1511



12.1552, 20.5795, 15.4914



5.5797, 5.4924, 6.5508



12.6985, 6.2364, 14.5954



0.1291, 0.0627, 0.1801

Previews

White Background



This preview shows how the XYZ color 14.3758, 7.0763, 16.5278 looks on a white background.

Color Contrast Check

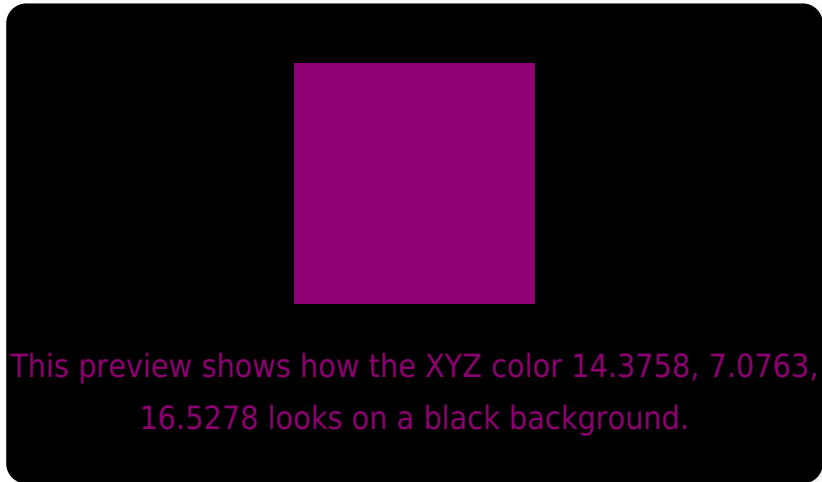
Large Text (above 18pt) WCAG AA ✓ Pass

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

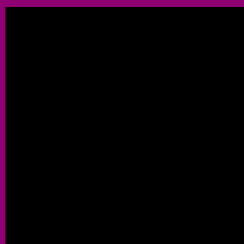
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.3758, 7.0763, 16.5278

Background



This preview shows how black text looks on a background with the XYZ color 14.3758, 7.0763, 16.5278.



This preview shows how white text looks on a background with the XYZ color 14.3758, 7.0763,

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

14.3758, 7.0763, 16.5278

Protanopia

8.9491, 7.6054, 34.7145

Deuteranopia

7.8335, 7.6714, 14.9778



Tritanopia

11.9327, 7.4853, 3.5052

Trichromacy



Original Color

14.3758, 7.0763, 16.5278



Protanomaly

7.5072, 4.8576, 26.9275



Deuteranomaly

8.8426, 5.8638, 15.4176



Tritanomaly

12.3919, 6.9091, 6.6417

Monochromacy



Original Color

14.3758, 7.0763, 16.5278



Achromatopsia

3.7589, 3.9546, 4.3066



Achromatomaly

5.9949, 3.8723, 7.4526

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3758, 7.0763, 16.5278 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, 1, 114)` looks like.

```
.text, #text, p{  
    color:rgb(143, 1, 114)  
}
```

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, 1, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 1, 114) }
```

Border

The CSS property to change the border of an element to XYZ 14.3758, 7.0763, 16.5278 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, 1, 114) }
```


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

```
.border{ border-color:rgb(143, 1, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 1, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 1, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 1, 114);  
box-shadow:4px 4px 4px 4px rgb(143, 1,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3758, 7.0763, 16.5278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 1, 114) }
```

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

```
.background{ background-color: rgb(143, 1,  
114) }
```

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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