

Converting Colors

XYZ(13.8623, 6.0399, 16.1383)

Have a look what the booklet for
XYZ(13.8623, 6.0399, 16.1383)
contains.

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Color

**XYZ(14.3083, 7.0319,
16.2259)**

Conversions

Conversions Part 1

Format	Color
Hex	8F0071
RGB	143, 0, 113
RGB Percent	56%, 0%, 44%
CMY	0.4392, 0.9999, 0.5569
CMYK	0.00, 1.00, 0.21, 0.44
HSL	313°, 100%, 28%
HSV	313°, 100%, 56%
XYZ	14.3083, 7.0319, 16.2259
YIQ	55.6390, 48.9550, 65.4590

Conversions

Conversions Part 2

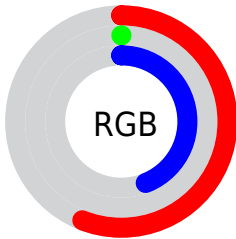
Format	Color
R_{YB}	143, 0, 113
Decimal	9371761
CIE _{Lab}	31.88, 59.61, -23.48
CIE _{LCh}	32, 64.065, 338.497
Yxy	7.0319, 0.3809, 0.1872
Android (android.graphics.Color)	4287561841 (0xFF8F0071)
YUV	55.6390, 28.2790, 76.6156
Hunter-Lab	26.5177, 49.9081, -17.7165

Details

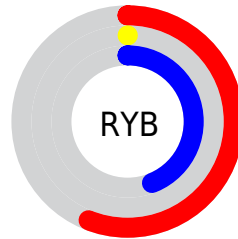
The XYZ color **14.3083, 7.0319, 16.2259** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **10.0573, 19.7389, 4.5093**, and the grayscale version is **3.6744, 3.8657, 4.2098**.

A 20% lighter version of the original color is **33.1270, 20.0281, 37.7171**, and **4.9786, 2.4564, 5.2127** is the 20% darker color. If you saturate the color by 10%, you get **14.3082, 7.0318, 16.2249**, and if you desaturate by 10%, it is **14.6415, 7.4233, 17.1843**.

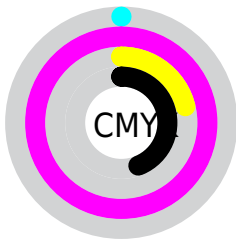
Distribution



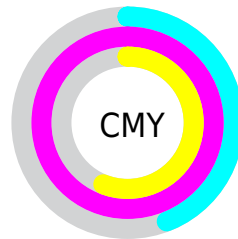
- Red (56%)
- Green (0%)
- Blue (44%)



- Red (56%)
- Yellow (0%)
- Blue (44%)



- Cyan (0%)
- Magenta (100%)
- Yellow (21%)
- Black (44%)




- Cyan (44%)
- Magenta (100%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.3083, 7.0319, 16.2259 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 14.3083, 7.0319, 16.2259 by changing the saturation by 10% instead.


 14.3083, 7.0319,
16.2259


 14.3083, 7.0319,
16.2259


212.6129,
167.9285, 242.5621


 8.4185, 3.4821,
9.5281


 33.2168, 20.0374,
37.7622


 4.4180, 1.3883,
4.9857

 46.9662, 30.2618,
53.4377


 1.9412, 0.2081,
2.1803

 64.0662, 43.4798,
72.9428

 0.6006, 0.0000,
0.6630


 84.8822, 60.0759,
96.6962


 0.0000, 0.0000,
0.0000

 109.7795, 80.4344,
125.1162


 139.1235,


104.9397, 158.6215


 173.2795,
133.9763, 197.6306


 14.3083, 7.0319,
16.2259


 14.3083, 7.0319,
16.2259


 14.3082, 7.0318,
16.2249

 14.6415, 7.4233,
17.1843

 15.0876, 8.0316,
18.2081

 15.7015, 8.9665,
19.3159

 16.5033, 10.2681,
20.5147

 17.5104, 11.9707,
21.8104

■ 18.7378, 14.1047,
23.2084

■ 20.1993, 16.6977,
24.7136

■ 21.9077, 19.7747,
26.3303

■ 23.8746, 23.3592,
28.0627

Harmonies

Analogous

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



11.3549, 7.0319, 31.7976



14.3083, 7.0319, 16.2259



14.9231, 7.0319, 5.3132

Triad

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



14.3083, 7.0319, 16.2259



5.8055, 7.0319, 0.0000



2.8999, 7.0319, 24.9761

Complementary

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



14.3083, 7.0319, 16.2259



10.0573, 19.7389, 4.5093

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.



2.2242, 7.0319, 10.6039



14.3083, 7.0319, 16.2259



3.5096, 7.0319, 0.3373

Square

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



14.3083, 7.0319, 16.2259



9.2347, 7.0319, 0.0000



2.4041, 7.0319, 2.8048



4.6518, 7.0319, 39.0994

Rectangle

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



14.3083, 7.0319, 16.2259



13.7819, 7.0319, 1.9121



2.4041, 7.0319, 2.8048



2.5700, 7.0319, 19.6992

Sweetspot

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



14.3085, 7.0323, 16.2260



35.9917, 29.5773, 44.0780



5.4540, 2.2391, 26.1314



8.0176, 6.3621, 9.8702



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.



14.3085, 7.0323, 16.2260



25.5599, 12.5674, 28.7206



11.7623, 6.0138, 2.8178



5.5785, 5.4919, 6.5442



12.6588, 6.2205, 14.3865



0.1289, 0.0626, 0.1789

Inverse Universe

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



14.3085, 7.0323, 16.2260



25.5599, 12.5674, 28.7206



12.1280, 20.5672, 15.4139



5.5785, 5.4919, 6.5442



12.6588, 6.2205, 14.3865



0.1289, 0.0626, 0.1789

Previews

White Background



This preview shows how the XYZ color 14.3083, 7.0319, 16.2259 looks on a white background.

Color Contrast Check

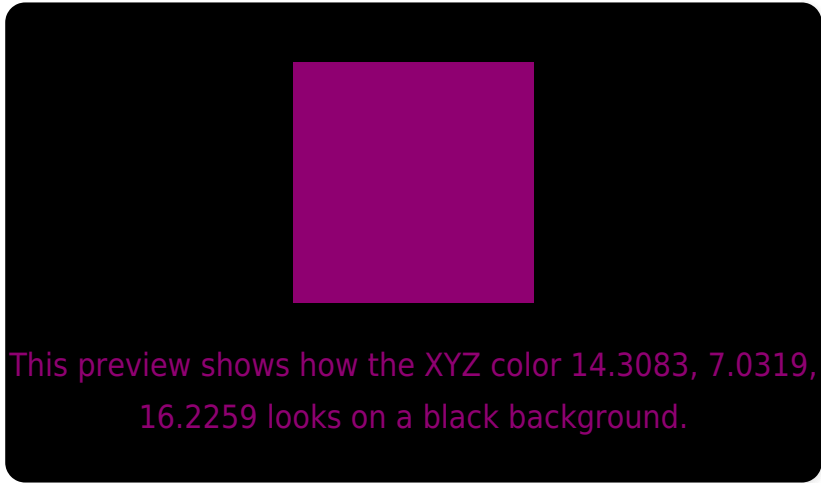
Large Text (above 18pt) WCAG AA ✓ Pass

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

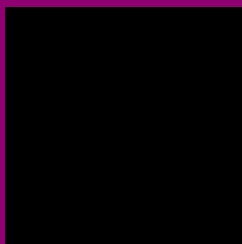
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.3083, 7.0319, 16.2259

Background



This preview shows how black text looks on a background with the XYZ color 14.3083, 7.0319, 16.2259.



This preview shows how white text looks on a background with the XYZ color 14.3083, 7.0319,

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

14.3083, 7.0319, 16.2259

Protanopia

8.9489, 7.6154, 34.2560

Deuteranopia

7.7812, 7.6505, 14.7022



Tritanopia

11.9327, 7.4853, 3.5052

Trichromacy



Original Color

14.3083, 7.0319, 16.2259

Protanomaly

7.6458, 4.9378, 26.5367

Deuteranomaly

8.7884, 5.8421, 15.1324

Tritanomaly

12.3919, 6.9091, 6.6417

Monochromacy



Original Color

14.3083, 7.0319, 16.2259

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 14.3083, 7.0319, 16.2259 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, 113)` looks like.

```
.text, #text, p{  
  color:rgb(143, 0, 113)  
}
```

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, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 0, 113) }
```

Border

The CSS property to change the border of an element to XYZ 14.3083, 7.0319, 16.2259 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, 113) }
```


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

```
.border{ border-color:rgb(143, 0, 113) }
```

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, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 0, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 0, 113);  
box-shadow:4px 4px 4px 4px rgb(143, 0,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3083, 7.0319, 16.2259 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, 113) }
```

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

```
.background{ background-color: rgb(143, 0,  
113) }
```

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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