

Converting Colors

XYZ(14.0885, 6.9242, 15.9593)

Have a look what the booklet for
XYZ(14.0885, 6.9242, 15.9593)
contains.

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Color

**XYZ(14.0800, 6.9206,
15.9230)**

Conversions

Conversions Part 1

Format	Color
Hex	8E0070
RGB	142, 0, 112
RGB Percent	56%, 0%, 44%
CMY	0.4431, 1.0000, 0.5608
CMYK	0.00, 1.00, 0.21, 0.44
HSL	313°, 100%, 28%
HSV	313°, 100%, 56%
XYZ	14.0800, 6.9206, 15.9230
YIQ	55.2260, 48.6800, 64.9360

Conversions

Conversions Part 2

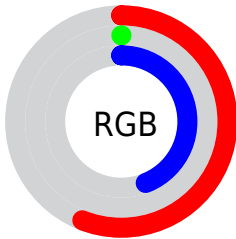
Format	Color
R_{YB}	142, 0, 112
Decimal	9306224
CIE _{Lab}	31.63, 59.28, -23.26
CIE _{LCh}	32, 63.677, 338.578
Yxy	6.9206, 0.3813, 0.1874
Android (android.graphics.Color)	4287496304 (0xFF8E0070)
YUV	55.2260, 27.9896, 76.1008
Hunter-Lab	26.3070, 49.4991, -17.4719

Details

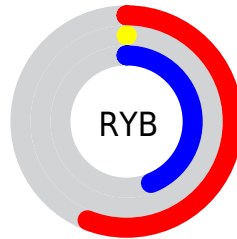
The XYZ color **14.0800, 6.9206, 15.9230** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **9.9078, 19.4401, 4.4592**, and the grayscale version is **3.6221, 3.8108, 4.1499**.

A 20% lighter version of the original color is **32.7028, 19.7200, 37.2047**, and **4.8559, 2.3964, 5.0571** is the 20% darker color. If you saturate the color by 10%, you get **14.0800, 6.9207, 15.9224**, and if you desaturate by 10%, it is **14.4099, 7.3085, 16.8711**.

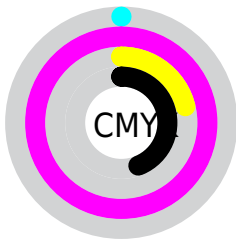
Distribution



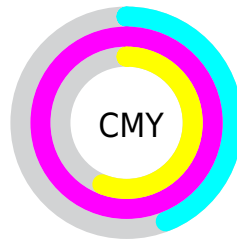
- Red (56%)
- Green (0%)
- Blue (44%)



- 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 14.0800, 6.9206, 15.9230 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 14.0800, 6.9206, 15.9230 by changing the saturation by 10% instead.


 14.0800, 6.9206,
15.9230


 14.0800, 6.9206,
15.9230


211.2286,
167.0023, 240.7171


 8.2584, 3.4125,
9.3159


 32.8160, 19.8133,
37.2294


 4.3139, 1.3507,
4.8482

 46.4611, 29.9667,
52.7658


 1.8812, 0.1799,
2.1013

 63.4447, 43.1039,
72.1157

 0.5659, 0.0000,
0.6165


 84.1323, 59.6095,
95.6977


 0.0000, 0.0000,
0.0000


 108.8891, 79.8677,
123.9303

 138.0805,

104.2630, 157.2320

 172.0719,
133.1797, 196.0215

 14.0800, 6.9206,
15.9230


 14.0800, 6.9206,
15.9230


 14.0800, 6.9207,
15.9224

 14.4099, 7.3085,
16.8711

 14.8506, 7.9091,
17.8837

 15.4566, 8.8310,
18.9795

 16.2475, 10.1138,
20.1651

 17.2403, 11.7912,
21.4466

■ 18.4501, 13.8931,
22.8290

■ 19.8903, 16.4464,
24.3173

■ 21.5733, 19.4758,
25.9157

■ 23.5106, 23.0044,
27.6284

Harmonies

Analogous

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



11.1808, 6.9206, 31.2277



14.0800, 6.9206, 15.9230



14.6769, 6.9206, 5.2114

Triad

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



14.0800, 6.9206, 15.9230



5.7064, 6.9206, 0.0000



2.8591, 6.9206, 24.6055

Complementary

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



14.0800, 6.9206, 15.9230



9.9078, 19.4401, 4.4592

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.



2.1918, 6.9206, 10.4642



14.0800, 6.9206, 15.9230



3.4515, 6.9206, 0.3318

Square

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



14.0800, 6.9206, 15.9230



9.0764, 6.9206, 0.0000



2.3666, 6.9206, 2.7748



4.5858, 6.9206, 38.4712

Rectangle

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



14.0800, 6.9206, 15.9230



13.5505, 6.9206, 1.8756



2.3666, 6.9206, 2.7748



2.5337, 6.9206, 19.4166

Sweetspot

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



14.0802, 6.9210, 15.9231



34.9014, 28.6925, 42.7095



5.3728, 2.2060, 25.7341



7.5774, 6.0205, 9.3190



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



14.0802, 6.9210, 15.9231



24.7675, 12.1794, 27.7559



11.5845, 5.9227, 2.7806



5.5781, 5.4918, 6.5424



12.6484, 6.2164, 14.3316



0.1288, 0.0626, 0.1786

Inverse Universe

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



14.0802, 6.9210, 15.9231



24.7675, 12.1794, 27.7559



11.9448, 20.2549, 15.1859



5.5781, 5.4918, 6.5424



12.6484, 6.2164, 14.3316



0.1288, 0.0626, 0.1786

Previews

White Background



This preview shows how the XYZ color 14.0800, 6.9206, 15.9230 looks on a white background.

Color Contrast Check

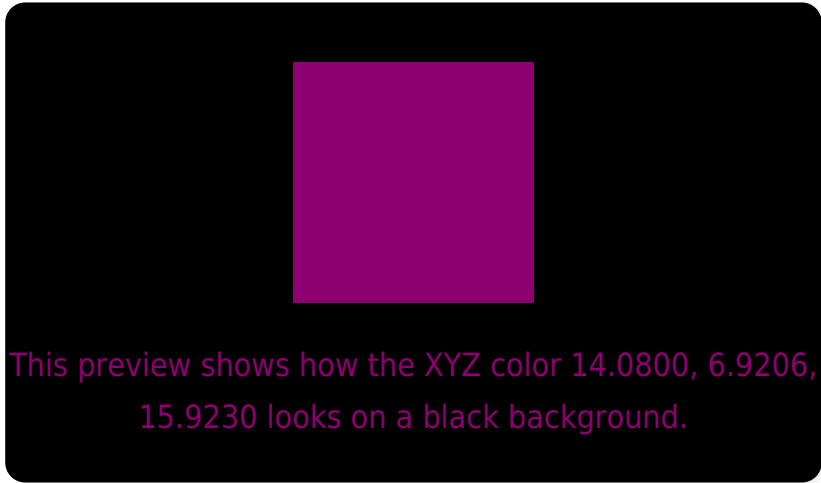
Large Text (above 18pt) WCAG AA ✓ Pass

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

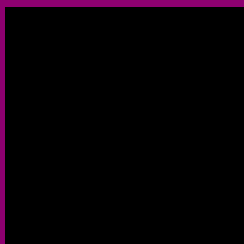
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.0800, 6.9206, 15.9230

Background



This preview shows how black text looks on a background with the XYZ color 14.0800, 6.9206, 15.9230.



This preview shows how white text looks on a background with the XYZ color 14.0800, 6.9206, 15.9230.

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

14.0800, 6.9206, 15.9230

Protanopia

8.8867, 7.5934, 33.7982

Deuteranopia

7.6600, 7.4909, 14.4068



Tritanopia

11.7104, 7.3170, 3.3799

Trichromacy



Original Color

14.0800, 6.9206, 15.9230

Protanomaly

7.6268, 4.9368, 26.1421

Deuteranomaly

8.5876, 5.6834, 14.8317

Tritanomaly

12.1682, 6.7617, 6.4581

Monochromacy



Original Color

14.0800, 6.9206, 15.9230

Achromatopsia

3.6313, 3.8204, 4.1605

Achromatomaly

5.8360, 3.7501, 7.2537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0800, 6.9206, 15.9230 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(142, 0, 112)` looks like.

```
.text, #text, p{  
    color:rgb(142, 0, 112)  
}
```

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(142, 0, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 0, 112) }
```

Border

The CSS property to change the border of an element to XYZ 14.0800, 6.9206, 15.9230 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(142, 0, 112) }
```


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

```
.border{ border-color:rgb(142, 0, 112) }
```

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

Here you see how a box with a 4 pixel rgb(142, 0, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 0, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 0, 112);  
box-shadow:4px 4px 4px 4px rgb(142, 0,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0800, 6.9206, 15.9230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 0, 112) }
```

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

```
.background{ background-color: rgb(142, 0,  
112) }
```

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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