

Converting Colors

XYZ(12.9422, 3.5416, 25.7541)

Have a look what the booklet for
XYZ(12.9422, 3.5416, 25.7541)
contains.

XYZ(14.7140, 7.0213, 26.1709)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.7140, 7.0213,
26.1709)**

Conversions

Conversions Part 1

Format	Color
Hex	86008E
RGB	134, 0, 142
RGB Percent	53%, 0%, 56%
CMY	0.4745, 1.0000, 0.4431
CMYK	0.06, 1.00, 0.00, 0.44
HSL	297°, 100%, 28%
HSV	297°, 100%, 56%
XYZ	14.7140, 7.0213, 26.1709
YIQ	56.2540, 34.2820, 72.5700

Conversions

Conversions Part 2

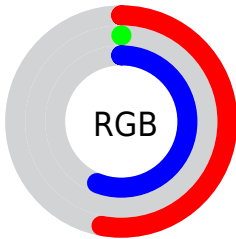
Format	Color
R_{YB}	134, 0, 142
Decimal	8781966
CIE _{Lab}	31.86, 62.20, -41.84
CIE _{LCh}	32, 74.964, 326.071
Yxy	7.0213, 0.3071, 0.1466
Android (android.graphics.Color)	4286972046 (0xFF86008E)
YUV	56.2540, 42.2728, 68.1832
Hunter-Lab	26.4977, 52.7487, -40.0103

Details

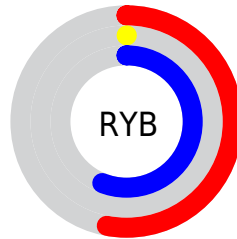
The XYZ color **14.7140, 7.0213, 26.1709** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **9.7733, 19.3978, 3.2293**, and the grayscale version is **3.7364, 3.9310, 4.2808**.

A 20% lighter version of the original color is **33.8984, 19.9594, 54.2905**, and **5.1128, 2.4176, 10.0947** is the 20% darker color. If you saturate the color by 10%, you get **14.7141, 7.0214, 26.1710**, and if you desaturate by 10%, it is **15.0021, 7.4071, 26.2303**.

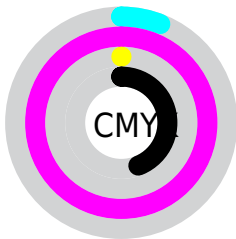
Distribution



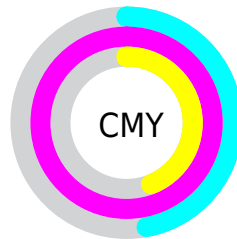
- Red (53%)
- Green (0%)
- Blue (56%)



- Red (53%)
- Yellow (0%)
- Blue (56%)



- Cyan (6%)
- Magenta (100%)
- Yellow (0%)
- Black (44%)





- Cyan (47%)
- Magenta (100%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7140, 7.0213, 26.1709 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 14.7140, 7.0213, 26.1709 by changing the saturation by 10% instead.


 14.7140, 7.0213,
26.1709

 14.7140, 7.0213,
26.1709


215.0514,
167.8406, 297.2521


 8.7039, 3.4754,
16.7246


 33.9265, 20.0160,
54.5380


 4.6041, 1.3847,
9.8785


 47.8595, 30.2337,
74.2959

 2.0493, 0.2054,
5.2139

 65.1643, 43.4441,
98.3281

 0.6614, 0.0000,
2.3124

 86.2062, 60.0316,
127.0531

 0.0000, 0.0000,
0.7381


 111.3505, 80.3806,
160.8894


 0.0000, 0.0000,
0.0000


 140.9625,


104.8755, 200.2557

 175.4077,
133.9007, 245.5704

 14.7140, 7.0213,
26.1709


 14.7140, 7.0213,
26.1709


 14.7141, 7.0214,
26.1710

 15.0021, 7.4071,
26.2303

 15.3962, 8.0039,
26.3247

 15.9508, 8.9203,
26.4724

 16.6857, 10.1957,
26.6798

 17.6177, 11.8639,
26.9527

■ 18.7617, 13.9547,
27.2959

■ 20.1312, 16.4951,
27.7141

■ 21.7386, 19.5098,
28.2113

■ 23.5954, 23.0218,
28.7913

Harmonies

Analogous

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



10.4091, 7.0213, 45.7931



14.7140, 7.0213, 26.1709



16.8822, 7.0213, 9.1634

Triad

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



14.7140, 7.0213, 26.1709



7.1846, 7.0213, 0.0000



2.0393, 7.0213, 20.9464

Complementary

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



14.7140, 7.0213, 26.1709



9.7733, 19.3978, 3.2293

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.



1.7285, 7.0213, 6.3044



14.7140, 7.0213, 26.1709



3.9594, 7.0213, 0.0000

Square

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



14.7140, 7.0213, 26.1709



11.6141, 7.0213, 0.0000



2.2739, 7.0213, 0.9145



3.3805, 7.0213, 41.2438

Rectangle

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



14.7140, 7.0213, 26.1709



16.3909, 7.0213, 3.2057



2.2739, 7.0213, 0.9145



1.8393, 7.0213, 14.9861

Sweetspot

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



14.7143, 7.0216, 26.1710



35.3354, 28.7814, 48.8209



4.9854, 2.1587, 25.7452



7.6847, 6.0423, 10.8407



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.



14.7143, 7.0216, 26.1710



25.9003, 12.3575, 46.1480



12.6209, 6.3371, 8.2389



5.5967, 5.4958, 6.7946



13.2163, 6.3068, 23.4978



0.1323, 0.0633, 0.2249

Inverse Universe

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



11.1993, 5.7685, 0.7531



19.7281, 10.1637, 1.2190



10.5300, 19.6889, 7.7366



5.4204, 5.4287, 5.7120



10.0575, 5.1800, 0.6884



0.0981, 0.0503, 0.0169

Previews

White Background



This preview shows how the XYZ color 14.7140, 7.0213, 26.1709 looks on a white background.

Color Contrast Check

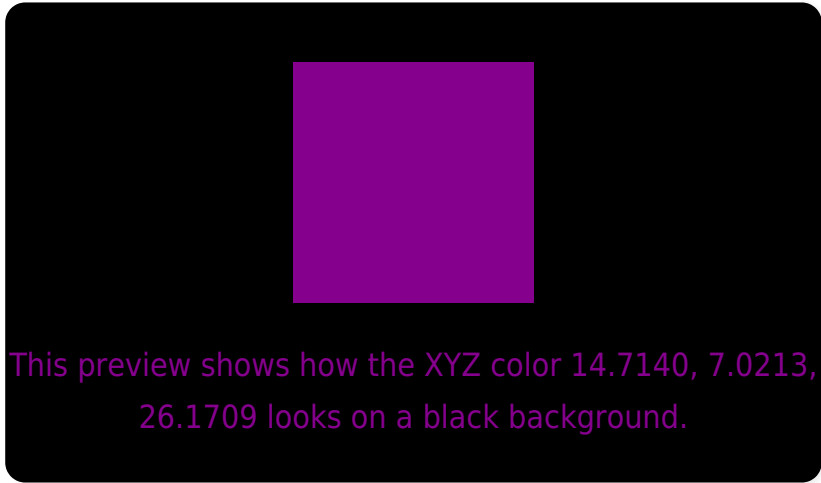
Large Text (above 18pt) WCAG AA ✓ Pass

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

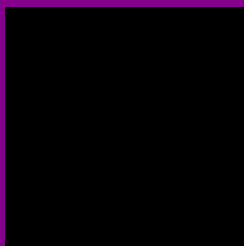
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.7140, 7.0213, 26.1709

Background



This preview shows how black text looks on a background with the XYZ color 14.7140, 7.0213, 26.1709.



This preview shows how white text looks on a background with the XYZ color 14.7140, 7.0213,

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

14.7140, 7.0213, 26.1709

Protanopia

8.7741, 7.5354, 33.7929

Deuteranopia

7.8266, 7.6883, 23.6257



Tritanopia

10.5158, 7.4292, 5.0174

Trichromacy



Original Color

14.7140, 7.0213, 26.1709



Protanomaly

8.0733, 5.0668, 30.6895



Deuteranomaly

8.3284, 5.4651, 24.2828



Tritanomaly

11.3361, 6.5722, 10.1223

Monochromacy



Original Color

14.7140, 7.0213, 26.1709



Achromatopsia

3.7589, 3.9546, 4.3066



Achromatomaly

6.0073, 3.8347, 9.4404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7140, 7.0213, 26.1709 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(134, 0, 142)` looks like.

```
.text, #text, p{  
    color:rgb(134, 0, 142)  
}
```

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(134, 0, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 0, 142) }
```

Border

The CSS property to change the border of an element to XYZ 14.7140, 7.0213, 26.1709 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(134, 0, 142) }
```


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

```
.border{ border-color:rgb(134, 0, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 0, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 0, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 0, 142);  
box-shadow:4px 4px 4px 4px rgb(134, 0,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7140, 7.0213, 26.1709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 0, 142) }
```

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

```
.background{ background-color: rgb(134, 0,  
142) }
```

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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