

Converting Colors

XYZ(14.6999, 6.9615, 28.5444)

Have a look what the booklet for
XYZ(14.6999, 6.9615, 28.5444)
contains.

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Color

**XYZ(14.7054, 6.9634,
28.5860)**

Conversions

Conversions Part 1

Format	Color
Hex	830094
RGB	131, 0, 148
RGB Percent	51%, 0%, 58%
CMY	0.4863, 1.0000, 0.4196
CMYK	0.11, 1.00, 0.00, 0.42
HSL	293°, 100%, 29%
HSV	293°, 100%, 58%
XYZ	14.7054, 6.9634, 28.5860
YIQ	56.0410, 30.5680, 73.8000

Conversions

Conversions Part 2

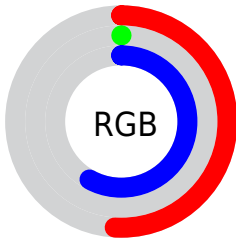
Format	Color
R_{YB}	131, 0, 148
Decimal	8585364
CIE _{Lab}	31.72, 62.72, -45.78
CIE _{LCh}	32, 77.649, 323.871
Yxy	6.9634, 0.2926, 0.1386
Android (android.graphics.Color)	4286775444 (0xFF830094)
YUV	56.0410, 45.3358, 65.7390
Hunter-Lab	26.3883, 53.2934, -45.7562

Details

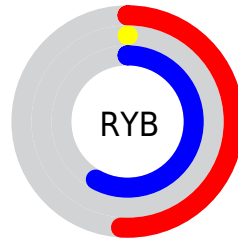
The XYZ color **14.7054, 6.9634, 28.5860** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **10.8213, 21.2991, 3.5410**, and the grayscale version is **3.7056, 3.8985, 4.2455**.

A 20% lighter version of the original color is **33.9673, 19.9007, 58.5509**, and **5.0918, 2.3810, 11.2575** is the 20% darker color. If you saturate the color by 10%, you get **14.7055, 6.9635, 28.5861**, and if you desaturate by 10%, it is **15.1392, 7.4366, 28.6546**.

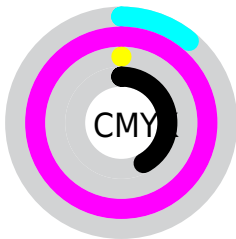
Distribution



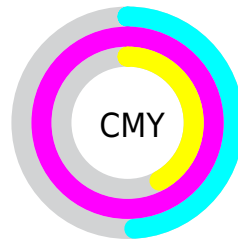
- Red (51%)
- Green (0%)
- Blue (58%)



- Red (51%)
- Yellow (0%)
- Blue (58%)



- Cyan (11%)
- Magenta (100%)
- Yellow (0%)
- Black (42%)



- Cyan (49%)
- Magenta (100%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7054, 6.9634, 28.5860 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 14.7054, 6.9634, 28.5860 by changing the saturation by 10% instead.

■ 14.7054, 6.9634,
28.5860

■ 14.7054, 6.9634,
28.5860

215.0000,
167.3592, 309.2561

■ 8.6979, 3.4392,
18.5250

■ 33.9114, 19.8995,
58.4530

■ 4.6002, 1.3651,
11.1542

■ 47.8407, 30.0803,
79.0960

■ 2.0470, 0.1908,
6.0552

■ 65.1411, 43.2487,
104.1035

■ 0.6601, 0.0000,
2.8093

■ 86.1782, 59.7891,
133.8939

■ 0.0000, 0.0000,
0.9981

■ 111.3173, 80.0860,
168.8859

■ 0.0000, 0.0000,
0.0000

■ 140.9238,

104.5237, 209.4979

175.3629,
133.4867, 256.1484

14.7054, 6.9634,
28.5860

14.7054, 6.9634,
28.5860

14.7055, 6.9635,
28.5861

15.1392, 7.4366,
28.6546

15.6953, 8.1483,
28.7626

16.4311, 9.2127,
28.9293

17.3683, 10.6737,
29.1619

18.5259, 12.5688,
29.4667

■ 19.9204, 14.9312,
29.8492

■ 21.5668, 17.7906,
30.3143

■ 23.4787, 21.1746,
30.8667

■ 25.6689, 25.1085,
31.5106

Harmonies

Analogous

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



10.1385, 6.9634, 49.0230



14.7054, 6.9634, 28.5860



17.2176, 6.9634, 10.1125

Triad

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



14.7054, 6.9634, 28.5860



7.4514, 6.9634, 0.0000



1.8583, 6.9634, 20.0080

Complementary

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



14.7054, 6.9634, 28.5860



10.8213, 21.2991, 3.5410

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.



1.6134, 6.9634, 5.5133



14.7054, 6.9634, 28.5860



4.0252, 6.9634, 0.0000

Square

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



14.7054, 6.9634, 28.5860



12.0941, 6.9634, 0.0000



2.2229, 6.9634, 0.6232



3.1100, 6.9634, 41.4913

Rectangle

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



14.7054, 6.9634, 28.5860



16.8873, 6.9634, 3.5124



2.2229, 6.9634, 0.6232



1.6829, 6.9634, 13.9799

Sweetspot

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



14.7057, 6.9637, 28.5861



37.8650, 31.0603, 53.4341



5.5501, 2.5476, 28.2163



8.3799, 6.6298, 12.1228



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.



14.7057, 6.9637, 28.5861



25.8545, 12.2389, 50.4343



14.1128, 7.0561, 10.5767



5.9704, 5.8757, 7.2892



12.5753, 5.9554, 24.4177



0.1689, 0.0806, 0.2996

Inverse Universe

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



12.3141, 6.3366, 1.1046



21.6933, 11.1666, 1.7694



11.3220, 21.4727, 7.3846



5.8263, 5.8256, 6.1914



10.5238, 5.4146, 0.9735



0.1341, 0.0684, 0.0398

Previews

White Background



This preview shows how the XYZ color 14.7054, 6.9634, 28.5860 looks on a white background.

Color Contrast Check

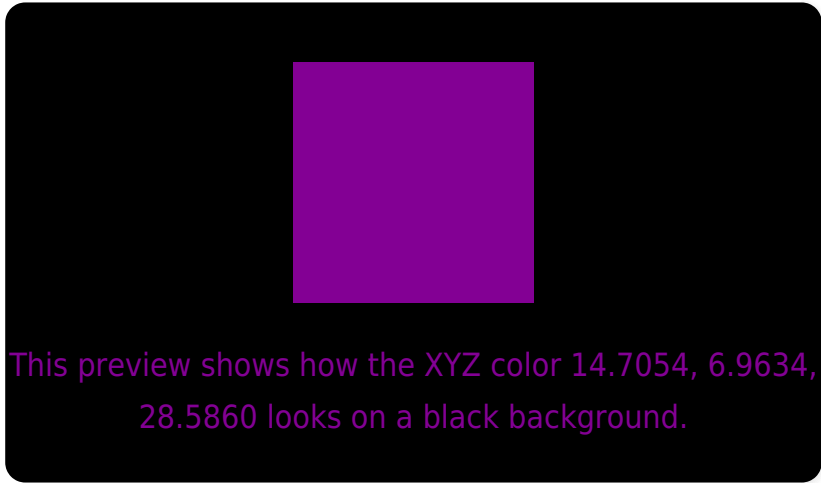
Large Text (above 18pt) WCAG AA ✓ Pass

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

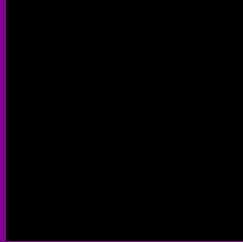
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.7054, 6.9634, 28.5860

Background



This preview shows how black text looks on a background with the XYZ color 14.7054, 6.9634, 28.5860.



This preview shows how white text looks on a background with the XYZ color 14.7054, 6.9634,

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

14.7054, 6.9634, 28.5860

Protanopia

8.6876, 7.5008, 33.3377

Deuteranopia

7.6532, 7.5576, 25.4815



Tritanopia

10.1283, 7.3670, 5.4456

Trichromacy



Original Color

14.7054, 6.9634, 28.5860



Protanomaly

8.1086, 5.0754, 31.1241



Deuteranomaly

7.7104, 5.1041, 26.1700



Tritanomaly

10.9495, 6.3985, 11.0139

Monochromacy



Original Color

14.7054, 6.9634, 28.5860



Achromatopsia

3.7589, 3.9546, 4.3066



Achromatomaly

6.0013, 3.8220, 9.8726

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7054, 6.9634, 28.5860 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(131, 0, 148)` looks like.

```
.text, #text, p{  
    color:rgb(131, 0, 148)  
}
```

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(131, 0, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 0, 148) }
```

Border

The CSS property to change the border of an element to XYZ 14.7054, 6.9634, 28.5860 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(131, 0, 148) }
```


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

```
.border{ border-color:rgb(131, 0, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 0, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 0, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 0, 148);  
box-shadow:4px 4px 4px 4px rgb(131, 0,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7054, 6.9634, 28.5860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 0, 148) }
```

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

```
.background{ background-color: rgb(131, 0,  
148) }
```

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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