

Converting Colors

XYZ(14.5499, 6.6515, 37.0872)

Have a look what the booklet for
XYZ(14.5499, 6.6515, 37.0872)
contains.

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Color

**XYZ(14.5828, 6.7120,
37.0862)**

Conversions

Conversions Part 1

Format	Color
Hex	7700A7
RGB	119, 0, 167
RGB Percent	47%, 0%, 65%
CMY	0.5333, 1.0000, 0.3451
CMYK	0.29, 1.00, 0.00, 0.35
HSL	283°, 100%, 33%
HSV	283°, 100%, 65%
XYZ	14.5828, 6.7120, 37.0862
YIQ	54.6190, 17.3170, 77.1650

Conversions

Conversions Part 2

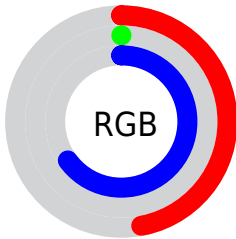
Format	Color
R_{YB}	119, 0, 167
Decimal	7798951
CIE _{Lab}	31.14, 64.47, -58.39
CIE _{LCh}	31, 86.987, 317.833
Yxy	6.7120, 0.2498, 0.1150
Android (android.graphics.Color)	4285989031 (0xFF7700A7)
YUV	54.6190, 55.4038, 56.4621
Hunter-Lab	25.9075, 55.1357, -66.7374

Details

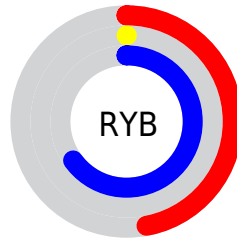
The XYZ color **14.5828, 6.7120, 37.0862** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **15.0379, 28.2661, 4.6635**, and the grayscale version is **3.5155, 3.6986, 4.0278**.

A 20% lighter version of the original color is **33.6063, 19.3229, 71.7705**, and **5.0239, 2.2390, 16.0870** is the 20% darker color. If you saturate the color by 10%, you get **14.5829, 6.7120, 37.0863**, and if you desaturate by 10%, it is **15.4546, 7.4522, 37.1833**.

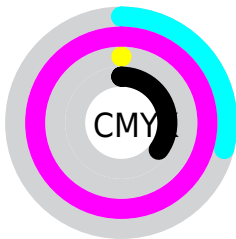
Distribution



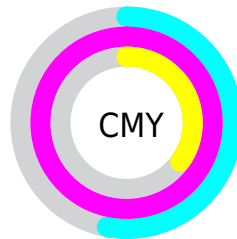
- Red (47%)
- Green (0%)
- Blue (65%)



- Red (47%)
- Yellow (0%)
- Blue (65%)



- Cyan (29%)
- Magenta (100%)
- Yellow (0%)
- Black (35%)




- Cyan (53%)
- Magenta (100%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.5828, 6.7120, 37.0862 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 14.5828, 6.7120, 37.0862 by changing the saturation by 10% instead.

 14.5828, 6.7120,
37.0862


 14.5828, 6.7120,
37.0862


214.2658,
165.2487, 348.8635


 8.6115, 3.2826,
24.9779


 33.6973, 19.3914,
71.8931


 4.5437, 1.2810,
15.8417


 47.5712, 29.4103,
95.4289

 2.0141, 0.1264,
9.2591


 64.8101, 42.3945,
123.6109

 0.6419, 0.0000,
4.8114

 85.7792, 58.7284,
156.8577

 0.0000, 0.0000,
2.0803

 110.8440, 78.7964,
195.5878

 0.0000, 0.0000,
0.6040

 140.3698,

 0.0000, 0.0000,

102.9828, 240.2198

0.0000

174.7219,
131.6721, 291.1722

14.5828, 6.7120,
37.0862

14.5828, 6.7120,
37.0862

14.5829, 6.7120,
37.0863

15.4546, 7.4522,
37.1833

16.5232, 8.5364,
37.3362

17.8567, 10.0996,
37.5677

19.4854, 12.2018,
37.8876

21.4352, 14.8941,
38.3045

■ 23.7290, 18.2214,
38.8258

■ 26.3873, 22.2243,
39.4584

■ 29.4290, 26.9401,
40.2083

■ 32.8717, 32.4031,
41.0813

Harmonies

Analogous

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



9.2319, 6.7120, 60.1305



14.5828, 6.7120, 37.0862



18.2077, 6.7120, 13.4530

Triad

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



14.5828, 6.7120, 37.0862



8.2668, 6.7120, 0.0000



1.3268, 6.7120, 17.1064

Complementary

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



14.5828, 6.7120, 37.0862



15.0379, 28.2661, 4.6635

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.



1.2546, 6.7120, 3.3945



14.5828, 6.7120, 37.0862



4.1850, 6.7120, 0.0000

Square

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



14.5828, 6.7120, 37.0862



13.6115, 6.7120, 0.0000



2.0300, 6.7120, 0.0000



2.3087, 6.7120, 42.1433

Rectangle

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



14.5828, 6.7120, 37.0862



18.4250, 6.7120, 4.5541



2.0300, 6.7120, 0.0000



1.2185, 6.7120, 10.9952

Sweetspot

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



14.5832, 6.7122, 37.0864



46.9801, 39.3780, 70.5999



8.1202, 5.0802, 37.1120



10.0665, 8.1342, 15.6916



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



14.5832, 6.7122, 37.0864



25.9043, 11.9111, 66.4090



20.2118, 9.9258, 23.2594



7.6287, 7.5567, 9.4749



11.2090, 5.1619, 28.3811



0.3194, 0.1497, 0.6927

Inverse Universe

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



16.4701, 8.4291, 3.5557



29.4187, 15.0645, 5.9578



14.0991, 27.7497, 6.0819



7.6165, 7.5765, 8.2976



12.6218, 6.4574, 2.8198



0.3288, 0.1658, 0.1830

Previews

White Background



This preview shows how the XYZ color 14.5828, 6.7120, 37.0862 looks on a white background.

Color Contrast Check

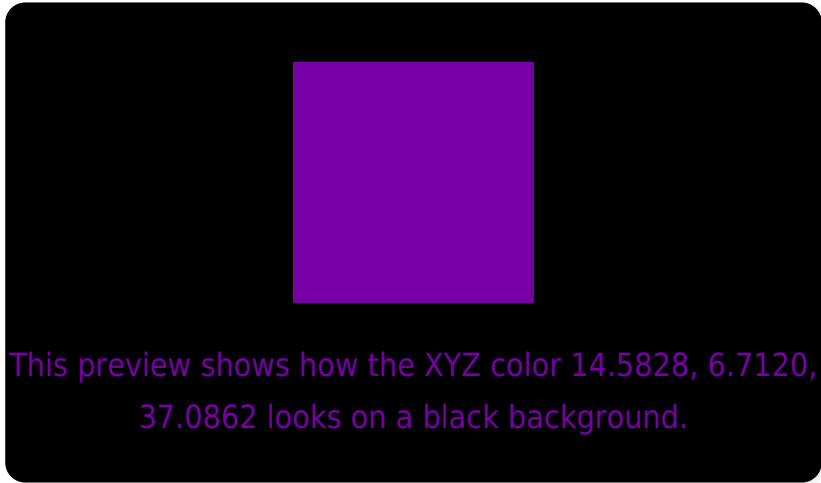
Large Text (above 18pt) WCAG AA ✓ Pass

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

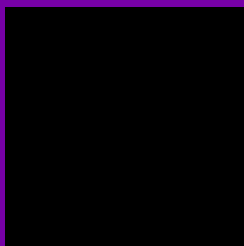
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.5828, 6.7120, 37.0862

Background



This preview shows how black text looks on a background with the XYZ color 14.5828, 6.7120, 37.0862.



This preview shows how white text looks on a background with the XYZ color 14.5828, 6.7120,

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

14.5828, 6.7120, 37.0862

Protanopia

8.3652, 7.2641, 31.9716

Deuteranopia

7.0275, 7.1700, 23.5678



Tritanopia

8.5893, 7.1064, 6.7133

Trichromacy



Original Color

14.5828, 6.7120, 37.0862



Protanomaly

8.2708, 5.0498, 33.3397



Deuteranomaly

7.3252, 4.8701, 27.7481



Tritanomaly

9.6494, 5.8570, 13.9865

Monochromacy



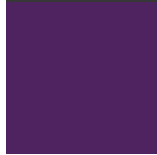
Original Color

14.5828, 6.7120, 37.0862



Achromatopsia

3.6313, 3.8204, 4.1605



Achromatomaly

5.8542, 3.6663, 11.4654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5828, 6.7120, 37.0862 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(119, 0, 167)` looks like.

```
.text, #text, p{  
    color:rgb(119, 0, 167)  
}
```

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(119, 0, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 0, 167) }
```

Border

The CSS property to change the border of an element to XYZ 14.5828, 6.7120, 37.0862 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(119, 0, 167) }
```


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

```
.border{ border-color:rgb(119, 0, 167) }
```

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

Here you see how a box with a 4 pixel rgb(119, 0, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 0, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 0, 167);  
box-shadow:4px 4px 4px 4px rgb(119, 0,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5828, 6.7120, 37.0862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 0, 167) }
```

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

```
.background{ background-color: rgb(119, 0,  
167) }
```

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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