

Converting Colors

XYZ(14.4650, 6.7928, 30.6857)

Have a look what the booklet for
XYZ(14.4650, 6.7928, 30.6857)
contains.

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Color

**XYZ(14.5022, 6.8119,
30.6875)**

Conversions

Conversions Part 1

Format	Color
Hex	7F0099
RGB	127, 0, 153
RGB Percent	50%, 0%, 60%
CMY	0.5020, 1.0000, 0.4000
CMYK	0.17, 1.00, 0.00, 0.40
HSL	290°, 100%, 30%
HSV	290°, 100%, 60%
XYZ	14.5022, 6.8119, 30.6875
YIQ	55.4150, 26.5790, 74.5070

Conversions

Conversions Part 2

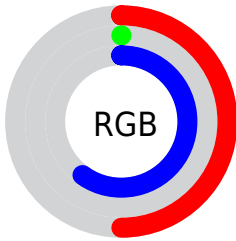
Format	Color
RYB	127, 0, 153
Decimal	8323225
CIELab	31.37, 62.98, -49.45
CIELCh	31, 80.070, 321.862
Yxy	6.8119, 0.2789, 0.1310
Android (android.graphics.Color)	4286513305 (0xFF7F0099)
YUV	55.4150, 48.1094, 62.7800
Hunter-Lab	26.0996, 53.5088, -51.4425

Details

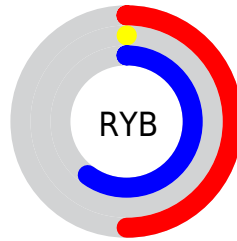
The XYZ color **14.5022, 6.8119, 30.6875** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **11.8174, 23.0022, 3.8171**, and the grayscale version is **3.6228, 3.8115, 4.1507**.

A 20% lighter version of the original color is **33.6011, 19.6420, 61.6948**, and **5.0215, 2.3173, 12.4945** is the 20% darker color. If you saturate the color by 10%, you get **14.5024, 6.8120, 30.6876**, and if you desaturate by 10%, it is **15.0699, 7.3646, 30.7644**.

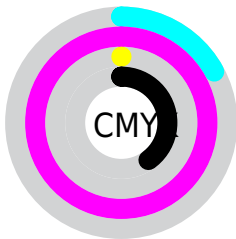
Distribution



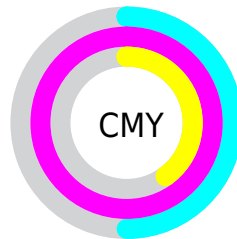
- Red (50%)
- Green (0%)
- Blue (60%)



- Red (50%)
- Yellow (0%)
- Blue (60%)



- Cyan (17%)
- Magenta (100%)
- Yellow (0%)
- Black (40%)




- Cyan (50%)
- Magenta (100%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5022, 6.8119, 30.6875 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 14.5022, 6.8119, 30.6875 by changing the saturation by 10% instead.

 14.5022, 6.8119,
30.6875


 14.5022, 6.8119,
30.6875


213.7817,
166.0914, 319.4025


 8.5548, 3.3447,
20.1045


 33.5564, 19.5938,
61.8215


 4.5067, 1.3143,
12.2862


 47.3938, 29.6773,
83.2097


 1.9926, 0.1522,
6.8140


 64.5921, 42.7351,
109.0366

 0.6298, 0.0000,
3.2694

 85.5164, 59.1515,
139.7210

 0.0000, 0.0000,
1.2338

 110.5322, 79.3110,
175.6812


 0.0000, 0.0000,
0.0066


 140.0047,

 0.0000, 0.0000,

103.5978, 217.3358

0.0000

 174.2995,
132.3965, 265.1034

 14.5022, 6.8119,
30.6875


 14.5022, 6.8119,
30.6875


 14.5024, 6.8120,
30.6876

 15.0699, 7.3646,
30.7644

 15.7768, 8.1811,
30.8847

 16.6828, 9.3809,
31.0685

 17.8119, 11.0116,
31.3238

 19.1846, 13.1141,
31.6573

■ 20.8188, 15.7244,
32.0750

■ 22.7309, 18.8750,
32.5823

■ 24.9358, 22.5958,
33.1843

■ 27.4475, 26.9142,
33.8855

Harmonies

Analogous

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



9.7448, 6.8119, 51.6629



14.5022, 6.8119, 30.6875



17.3192, 6.8119, 10.9530

Triad

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



14.5022, 6.8119, 30.6875



7.6136, 6.8119, 0.0000



1.6663, 6.8119, 18.8648

Complementary

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



14.5022, 6.8119, 30.6875



11.8174, 23.0022, 3.8171

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.



1.4829, 6.8119, 4.7379



14.5022, 6.8119, 30.6875



4.0324, 6.8119, 0.0000

Square

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



14.5022, 6.8119, 30.6875



12.4088, 6.8119, 0.0000



2.1417, 6.8119, 0.3249



2.8181, 6.8119, 41.1997

Rectangle

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



14.5022, 6.8119, 30.6875



17.1541, 6.8119, 3.7762



2.1417, 6.8119, 0.3249



1.5153, 6.8119, 12.8647

Sweetspot

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



14.5025, 6.8122, 30.6877



40.4900, 33.4390, 58.2923



6.1664, 3.1330, 30.4169



8.6387, 6.8830, 12.7907



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



14.5025, 6.8122, 30.6877



25.8353, 12.1291, 54.9514



15.6638, 7.7831, 13.9208



6.3582, 6.2705, 7.8042



12.0102, 5.6425, 25.3638



0.2036, 0.0968, 0.3803

Inverse Universe

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



13.3234, 6.8470, 1.5968



23.8125, 12.2428, 2.6062



11.9342, 22.9998, 6.6559



6.2495, 6.2390, 6.6941



11.0205, 5.6624, 1.3672



0.1742, 0.0884, 0.0701

Previews

White Background



This preview shows how the XYZ color 14.5022, 6.8119, 30.6875 looks on a white background.

Color Contrast Check

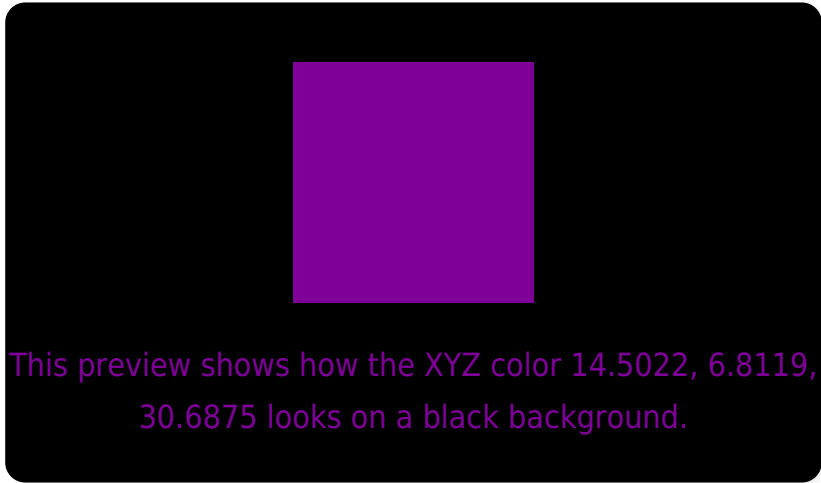
Large Text (above 18pt) WCAG AA ✓ Pass

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

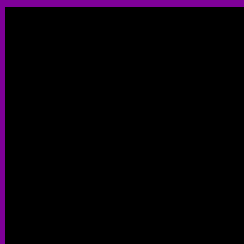
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.5022, 6.8119, 30.6875

Background



This preview shows how black text looks on a background with the XYZ color 14.5022, 6.8119, 30.6875.



This preview shows how white text looks on a background with the XYZ color 14.5022, 6.8119,

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

14.5022, 6.8119, 30.6875

Protanopia

8.4495, 7.2979, 32.4158

Deuteranopia

7.3118, 7.2838, 25.0653



Tritanopia

9.6115, 7.2467, 5.7427

Trichromacy



Original Color

14.5022, 6.8119, 30.6875

Protanomaly

8.0596, 4.9804, 31.5469

Deuteranomaly

7.2252, 4.8452, 26.5410

Tritanomaly

10.4122, 6.1527, 11.7051

Monochromacy



Original Color

14.5022, 6.8119, 30.6875

Achromatopsia

3.6313, 3.8204, 4.1605

Achromatomaly

5.8827, 3.7067, 10.3029

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5022, 6.8119, 30.6875 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(127, 0, 153)` looks like.

```
.text, #text, p{  
    color:rgb(127, 0, 153)  
}
```

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(127, 0, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 0, 153) }
```

Border

The CSS property to change the border of an element to XYZ 14.5022, 6.8119, 30.6875 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(127, 0, 153) }
```


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

```
.border{ border-color:rgb(127, 0, 153) }
```

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

Here you see how a box with a 4 pixel rgb(127, 0, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 0, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 0, 153);  
box-shadow:4px 4px 4px 4px rgb(127, 0,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5022, 6.8119, 30.6875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 0, 153) }
```

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

```
.background{ background-color: rgb(127, 0,  
153) }
```

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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