

Converting Colors

XYZ(14.9747, 7.2785, 28.9193)

Have a look what the booklet for
XYZ(14.9747, 7.2785, 28.9193)
contains.

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Color

**XYZ(15.0602, 7.3148,
29.0519)**

Conversions

Conversions Part 1

Format	Color
Hex	840B95
RGB	132, 11, 149
RGB Percent	52%, 4%, 58%
CMY	0.4823, 0.9568, 0.4157
CMYK	0.11, 0.93, 0.00, 0.42
HSL	293°, 86%, 31%
HSV	293°, 93%, 58%
XYZ	15.0602, 7.3148, 29.0519
YIQ	62.9110, 27.8180, 68.5700

Conversions

Conversions Part 2

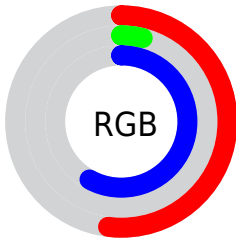
Format	Color
R_{YB}	132, 11, 149
Decimal	8653717
CIE _{Lab}	32.51, 61.45, -45.11
CIE _{LCh}	33, 76.235, 323.718
Yxy	7.3148, 0.2928, 0.1422
Android (android.graphics.Color)	4286843797 (0xFF840B95)
YUV	62.9110, 42.4419, 60.5911
Hunter-Lab	27.0459, 52.0654, -44.7555

Details

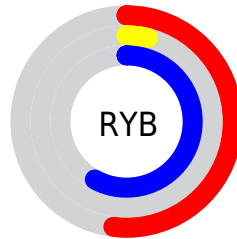
The XYZ color **15.0602, 7.3148, 29.0519** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **11.2870, 21.7661, 3.9233**, and the grayscale version is **4.6492, 4.8913, 5.3267**.

A 20% lighter version of the original color is **34.6097, 20.6272, 59.2841**, and **5.2182, 2.4408, 11.5054** is the 20% darker color. If you saturate the color by 10%, you get **14.7300, 6.9669, 29.0023**, and if you desaturate by 10%, it is **15.5977, 7.9596, 29.1481**.

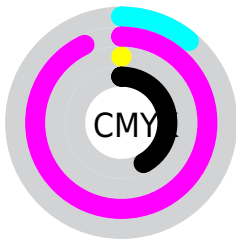
Distribution



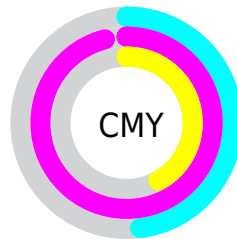
- Red (52%)
- Green (4%)
- Blue (58%)



- Red (52%)
- Yellow (4%)
- Blue (58%)



- Cyan (11%)
- Magenta (93%)
- Yellow (0%)
- Black (42%)




- Cyan (48%)
- Magenta (96%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0602, 7.3148, 29.0519 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 15.0602, 7.3148, 29.0519 by changing the saturation by 10% instead.


 15.0602, 7.3148,
29.0519


 15.0602, 7.3148,
29.0519


217.1115,
170.2544, 311.5284


 8.9482, 3.6597,
18.8742


 34.5295, 20.6038,
59.2027


 4.7643, 1.4851,
11.4035


 48.6176, 31.0064,
80.0129

 2.1430, 0.2782,
6.2214

 66.0951, 44.4271,
105.2042

 0.7124, 0.0000,
2.9092

 87.3274, 61.2502,
135.1954


 0.0000, 0.0000,
1.0484


 112.6799, 81.8601,
170.4048


 0.0000, 0.0000,
0.0000

 142.5178,

106.6412, 211.2511


 177.2065,
135.9778, 258.1528


 15.0602, 7.3148,
29.0519


 15.0602, 7.3148,
29.0519


 14.7300, 6.9669,
29.0023

 15.5977, 7.9596,
29.1481

 16.3114, 8.9494,
29.3016

 17.2249, 10.3315,
29.5202

 18.3581, 12.1454,
29.8106

 19.7285, 14.4257,
30.1785

■ 21.3515, 17.2038,
30.6292

■ 23.2414, 20.5080,
31.1674

■ 25.4115, 24.3648,
31.7974

■ 27.8740, 28.7986,
32.5234

Harmonies

Analogous

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



10.4816, 7.3148, 49.1678



15.0602, 7.3148, 29.0519



17.5808, 7.3148, 10.5931

Triad

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



15.0602, 7.3148, 29.0519



7.8182, 7.3148, 0.0000



2.0559, 7.3148, 20.3281

Complementary

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



15.0602, 7.3148, 29.0519



11.2870, 21.7661, 3.9233

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.



1.8023, 7.3148, 5.8114



15.0602, 7.3148, 29.0519



4.3205, 7.3148, 0.0000

Square

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



15.0602, 7.3148, 29.0519



12.4929, 7.3148, 0.0000



2.4477, 7.3148, 0.7651



3.3537, 7.3148, 41.5767

Rectangle

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



15.0602, 7.3148, 29.0519



17.2649, 7.3148, 3.8360



2.4477, 7.3148, 0.7651



1.8728, 7.3148, 14.3256

Sweetspot

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



15.0605, 7.3151, 29.0521



39.5473, 33.0863, 55.2232



6.0124, 3.1400, 28.7231



8.4820, 6.8417, 12.1584



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.



15.0605, 7.3151, 29.0521



26.2767, 12.4239, 51.9344



14.7379, 7.5186, 12.3298



5.9658, 5.8733, 7.2890



12.4141, 5.8723, 24.4102



0.1678, 0.0801, 0.2995

Inverse Universe

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



12.7239, 6.7130, 1.7242



22.3604, 11.5083, 1.9001



11.7443, 21.9097, 8.1109



5.8282, 5.8263, 6.2012



10.5325, 5.4181, 1.0195



0.1346, 0.0686, 0.0422

Previews

White Background



This preview shows how the XYZ color 15.0602, 7.3148, 29.0519 looks on a white background.

Color Contrast Check

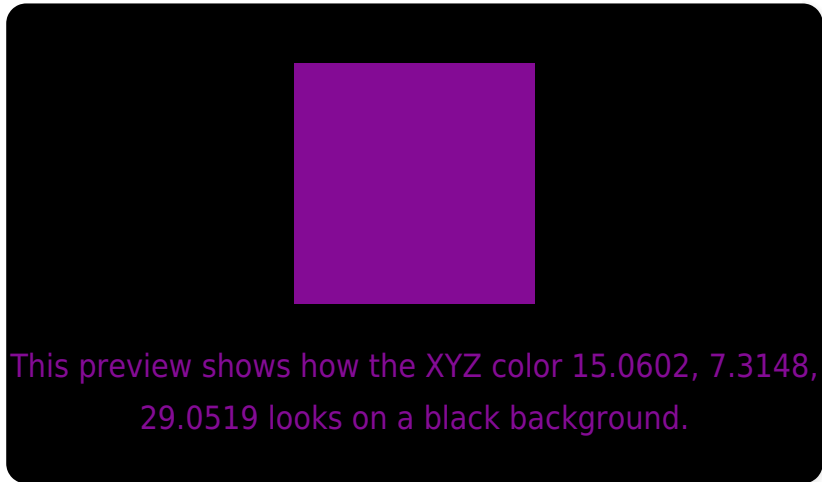
Large Text (above 18pt) WCAG AA ✓ Pass

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

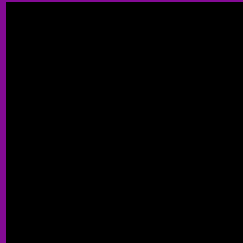
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.0602, 7.3148, 29.0519

Background



This preview shows how black text looks on a background with the XYZ color 15.0602, 7.3148, 29.0519.



This preview shows how white text looks on a background with the XYZ color 15.0602, 7.3148,

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

15.0602, 7.3148, 29.0519

Protanopia

8.9296, 7.7069, 34.2747

Deuteranopia

7.8708, 7.7692, 25.8957



Tritanopia

10.3463, 7.5518, 5.6149

Trichromacy



Original Color

15.0602, 7.3148, 29.0519

Protanomaly

8.4477, 5.4847, 32.0659

Deuteranomaly

8.1876, 5.6762, 26.6507

Tritanomaly

11.3058, 6.8241, 11.3110

Monochromacy



Original Color

15.0602, 7.3148, 29.0519

Achromatopsia

4.7246, 4.9707, 5.4130

Achromatomaly

6.9456, 4.6842, 11.1277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0602, 7.3148, 29.0519 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(132, 11, 149)` looks like.

```
.text, #text, p{  
    color:rgb(132, 11, 149)  
}
```

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(132, 11, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 11, 149) }
```

Border

The CSS property to change the border of an element to XYZ 15.0602, 7.3148, 29.0519 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(132, 11, 149) }
```


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

```
.border{ border-color:rgb(132, 11, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 11, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 11, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 11, 149);  
box-shadow:4px 4px 4px 4px rgb(132, 11,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0602, 7.3148, 29.0519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 11, 149) }
```

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

```
.background{ background-color: rgb(132, 11,  
149) }
```

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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