

Converting Colors

XYZ(15.0182, 7.2544, 28.2297)

Have a look what the booklet for
XYZ(15.0182, 7.2544, 28.2297)
contains.

XYZ(15.0262, 7.2668, 28.2144)	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(15.0262, 7.2668,
28.2144)**

Conversions

Conversions Part 1

Format	Color
Hex	850893
RGB	133, 8, 147
RGB Percent	52%, 3%, 58%
CMY	0.4784, 0.9686, 0.4235
CMYK	0.10, 0.95, 0.00, 0.42
HSL	294°, 90%, 30%
HSV	294°, 95%, 58%
XYZ	15.0262, 7.2668, 28.2144
YIQ	61.2210, 29.8810, 69.7290

Conversions

Conversions Part 2

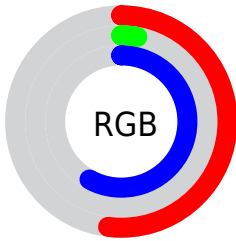
Format	Color
R_{YB}	133, 8, 147
Decimal	8718483
CIE _{Lab}	32.41, 61.71, -44.05
CIE _{LCh}	32, 75.816, 324.481
Yxy	7.2668, 0.2975, 0.1439
Android (android.graphics.Color)	4286908563 (0xFF850893)
YUV	61.2210, 42.2890, 62.9502
Hunter-Lab	26.9570, 52.3236, -43.1857

Details

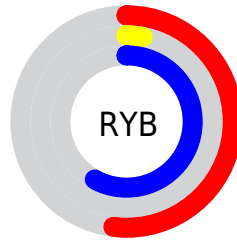
The XYZ color **15.0262, 7.2668, 28.2144** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **10.8087, 21.0557, 3.7245**, and the grayscale version is **4.4065, 4.6360, 5.0486**.

A 20% lighter version of the original color is **34.5498, 20.5192, 58.0167**, and **5.2074, 2.4459, 11.0241** is the 20% darker color. If you saturate the color by 10%, you get **14.8127, 7.0279, 28.1796**, and if you desaturate by 10%, it is **15.4757, 7.8159, 28.2968**.

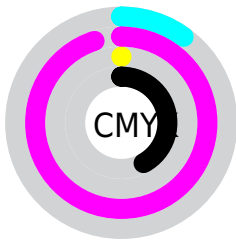
Distribution



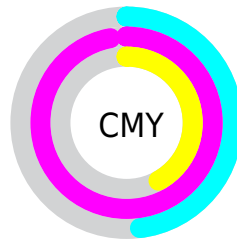
- Red (52%)
- Green (3%)
- Blue (58%)



- Red (52%)
- Yellow (3%)
- Blue (58%)



- Cyan (10%)
- Magenta (95%)
- Yellow (0%)
- Black (42%)



- Cyan (48%)
- Magenta (97%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0262, 7.2668, 28.2144 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 15.0262, 7.2668, 28.2144 by changing the saturation by 10% instead.

15.0262, 7.2668,
28.2144

15.0262, 7.2668,
28.2144

216.9100,
169.8625, 307.4341

8.9242, 3.6295,
18.2469

34.4704, 20.5080,
57.8538

4.7485, 1.4686,
10.9561

48.5434, 30.8806,
78.3627

2.1337, 0.2664,
5.9235

66.0040, 44.2672,
103.2226

0.7074, 0.0000,
2.7306

87.2177, 61.0521,
132.8518

0.0000, 0.0000,
0.9588

112.5497, 81.6197,
167.6691

0.0000, 0.0000,
0.0000

142.3656,

106.3543, 208.0929

177.0305,
135.6405, 254.5417

15.0262, 7.2668,
28.2144

15.0262, 7.2668,
28.2144

14.8127, 7.0279,
28.1796

15.4757, 7.8159,
28.2968

16.0881, 8.6864,
28.4326

16.8886, 9.9282,
28.6300

17.8970, 11.5806,
28.8958

19.1303, 13.6779,
29.2357

■ 20.6040, 16.2510,
29.6547

■ 22.3320, 19.3278,
30.1575

■ 24.3273, 22.9341,
30.7484

■ 26.6019, 27.0940,
31.4314

Harmonies

Analogous

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



10.5203, 7.2668, 48.2324



15.0262, 7.2668, 28.2144



17.4385, 7.2668, 10.1725

Triad

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



15.0262, 7.2668, 28.2144



7.6566, 7.2668, 0.0000



2.0708, 7.2668, 20.6338

Complementary

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



15.0262, 7.2668, 28.2144



10.8087, 21.0557, 3.7245

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.



1.7964, 7.2668, 6.0145



15.0262, 7.2668, 28.2144



4.2330, 7.2668, 0.0000

Square

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



15.0262, 7.2668, 28.2144



12.2695, 7.2668, 0.0000



2.4124, 7.2668, 0.8268



3.3911, 7.2668, 41.6380

Rectangle

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



15.0262, 7.2668, 28.2144



17.0624, 7.2668, 3.6523



2.4124, 7.2668, 0.8268



1.8809, 7.2668, 14.6221

Sweetspot

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



15.0265, 7.2671, 28.2146



38.6919, 32.2848, 53.6269



5.6980, 2.8208, 27.8480



8.5571, 6.8804, 12.1619



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.



15.0265, 7.2671, 28.2146



26.4422, 12.5419, 50.4618



14.1274, 7.1800, 11.1652



5.9784, 5.8798, 7.2896



12.8536, 6.0988, 24.4308



0.1707, 0.0815, 0.2996

Inverse Universe

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



12.2645, 6.4349, 1.3551



21.6686, 11.1567, 1.6393



11.3841, 21.2592, 7.9592



5.8231, 5.8243, 6.1748



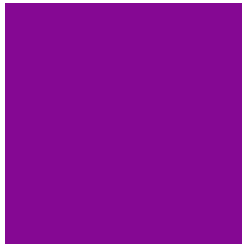
10.5100, 5.4091, 0.9009



0.1333, 0.0681, 0.0356

Previews

White Background



This preview shows how the XYZ color 15.0262, 7.2668, 28.2144 looks on a white background.

Color Contrast Check

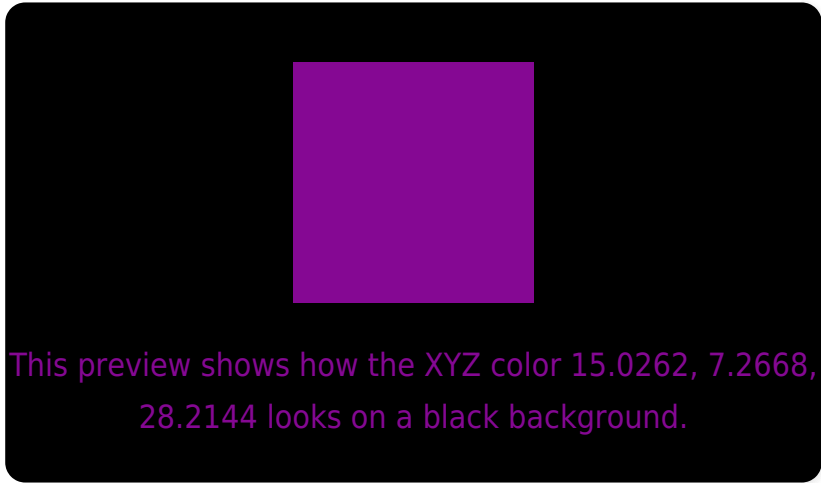
Large Text (above 18pt) WCAG AA ✓ Pass

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

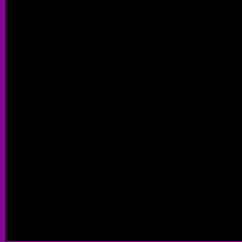
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.0262, 7.2668, 28.2144

Background



This preview shows how black text looks on a background with the XYZ color 15.0262, 7.2668, 28.2144.



This preview shows how white text looks on a background with the XYZ color 15.0262, 7.2668,

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

15.0262, 7.2668, 28.2144

Protanopia

8.9296, 7.7069, 34.2747

Deuteranopia

7.8821, 7.7919, 25.1333



Tritanopia

10.5509, 7.5849, 5.4654

Trichromacy



Original Color

15.0262, 7.2668, 28.2144



Protanomaly

8.3191, 5.3626, 31.6070



Deuteranomaly

8.3069, 5.6852, 25.8588



Tritanomaly

11.4870, 6.8199, 11.0669

Monochromacy



Original Color

15.0262, 7.2668, 28.2144



Achromatopsia

4.4355, 4.6665, 5.0818



Achromatomaly

6.6902, 4.4549, 10.6325

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0262, 7.2668, 28.2144 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(133, 8, 147)` looks like.

```
.text, #text, p{  
    color:rgb(133, 8, 147)  
}
```

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(133, 8, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 8, 147) }
```

Border

The CSS property to change the border of an element to XYZ 15.0262, 7.2668, 28.2144 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(133, 8, 147) }
```


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

```
.border{ border-color:rgb(133, 8, 147) }
```

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

Here you see how a box with a 4 pixel rgb(133, 8, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 8, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 8, 147);  
box-shadow:4px 4px 4px 4px rgb(133, 8,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0262, 7.2668, 28.2144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 8, 147) }
```

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

```
.background{ background-color: rgb(133, 8,  
147) }
```

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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