

Converting Colors

XYZ(14.4806, 7.4212, 12.3746)

Have a look what the booklet for
XYZ(14.4806, 7.4212, 12.3746)
contains.

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Color

**XYZ(14.4287, 7.3917,
12.4707)**

Conversions

Conversions Part 1

Format	Color
Hex	930D63
RGB	147, 13, 99
RGB Percent	58%, 5%, 39%
CMY	0.4235, 0.9490, 0.6118
CMYK	0.00, 0.91, 0.33, 0.42
HSL	321°, 84%, 31%
HSV	321°, 91%, 58%
XYZ	14.4287, 7.3917, 12.4707
YIQ	62.8700, 52.2580, 55.1540

Conversions

Conversions Part 2

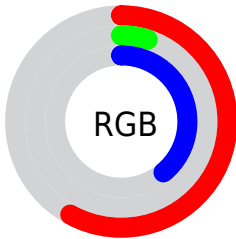
Format	Color
R_{YB}	147, 13, 99
Decimal	9637219
CIE _{Lab}	32.68, 56.89, -13.19
CIE _{LCh}	33, 58.398, 346.945
Yxy	7.3917, 0.4208, 0.2156
Android (android.graphics.Color)	4287827299 (0xFF930D63)
YUV	62.8700, 17.8121, 73.7820
Hunter-Lab	27.1877, 47.1528, -8.1643

Details

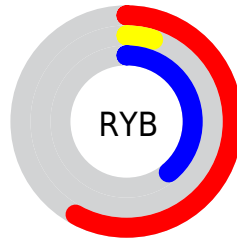
The XYZ color **14.4287, 7.3917, 12.4707** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **11.4426, 21.2903, 7.9230**, and the grayscale version is **4.6758, 4.9193, 5.3571**.

A 20% lighter version of the original color is **33.4778, 20.7731, 31.0993**, and **4.9342, 2.4721, 3.4659** is the 20% darker color. If you saturate the color by 10%, you get **14.0683, 7.0173, 11.2826**, and if you desaturate by 10%, it is **14.9534, 8.0249, 13.9286**.

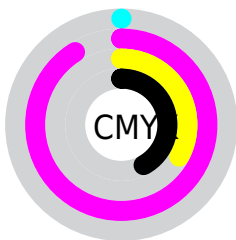
Distribution



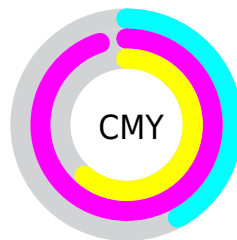
- Red (58%)
- Green (5%)
- Blue (39%)



- Red (58%)
- Yellow (5%)
- Blue (39%)



- Cyan (0%)
- Magenta (91%)
- Yellow (33%)
- Black (42%)



- Cyan (42%)
- Magenta (95%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.4287, 7.3917, 12.4707 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 14.4287, 7.3917, 12.4707 by changing the saturation by 10% instead.


 14.4287, 7.3917,
12.4707


 14.4287, 7.3917,
12.4707


213.3394,
170.8799, 218.5844


 8.5031, 3.7083,
6.9387


 33.4277, 20.7570,
31.0267


 4.4730, 1.5117,
3.3459

 47.2319, 31.2076,
44.8877

 1.9731, 0.2970,
1.2739

 64.3930, 44.6827,
62.3621

 0.6188, 0.0000,
0.0402

 85.2763, 61.5668,
83.8685

 0.0000, 0.0000,
0.0000

 110.2473, 82.2441,
109.8254

 139.6712,

107.0991, 140.6513

173.9134,
136.5163, 176.7648

14.4287, 7.3917,
12.4707

14.4287, 7.3917,
12.4707

14.0683, 7.0173,
11.2826

14.9534, 8.0249,
13.9286

15.6645, 9.0041,
15.5312

16.5843, 10.3737,
17.2873

17.7321, 12.1713,
19.2047

19.1244, 14.4300,
21.2905

■ 20.7765, 17.1796,
23.5509

■ 22.7023, 20.4474,
25.9919

■ 24.9145, 24.2588,
28.6192

■ 27.4251, 28.6373,
31.4379

Harmonies

Analogous

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



12.2422, 7.3917, 25.8269



14.4287, 7.3917, 12.4707



14.2629, 7.3917, 4.0780

Triad

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



14.4287, 7.3917, 12.4707



5.4510, 7.3917, 0.0340



3.7337, 7.3917, 27.6207

Complementary

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



14.4287, 7.3917, 12.4707



11.4426, 21.2903, 7.9230

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.



2.7758, 7.3917, 14.0041



14.4287, 7.3917, 12.4707



3.5521, 7.3917, 1.1647

Square

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



14.4287, 7.3917, 12.4707



8.4356, 7.3917, 0.0000



2.7207, 7.3917, 4.8187



5.7821, 7.3917, 38.0099

Rectangle

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



14.4287, 7.3917, 12.4707



12.8335, 7.3917, 1.5852



2.7207, 7.3917, 4.8187



3.3031, 7.3917, 22.9558

Sweetspot

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



14.4289, 7.3921, 12.4708



38.3891, 32.7594, 43.7090



7.2685, 3.3526, 27.8679



8.5324, 7.0882, 9.6786



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.



14.4289, 7.3921, 12.4708



25.1075, 12.5323, 19.7482



12.4528, 6.6017, 2.0649



5.9480, 5.8743, 6.8323



12.2085, 6.0885, 9.8449



0.1635, 0.0802, 0.1948

Inverse Universe

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



14.4289, 7.3921, 12.4708



25.1075, 12.5323, 19.7482



14.4243, 22.4830, 23.6247



5.9480, 5.8743, 6.8323



12.2085, 6.0885, 9.8449



0.1635, 0.0802, 0.1948

Previews

White Background



This preview shows how the XYZ color 14.4287, 7.3917, 12.4707 looks on a white background.

Color Contrast Check

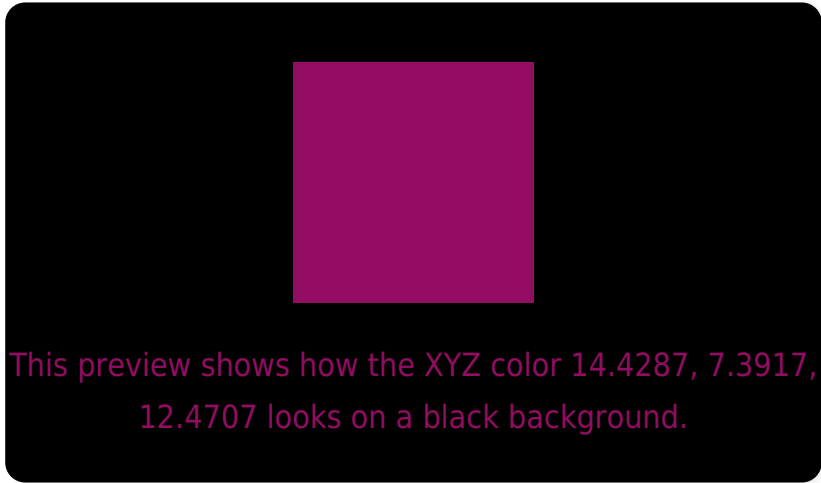
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.4287, 7.3917, 12.4707

Background



This preview shows how black text looks on a background with the XYZ color 14.4287, 7.3917, 12.4707.



This preview shows how white text looks on a background with the XYZ color 14.4287, 7.3917,

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

14.4287, 7.3917, 12.4707

Protanopia

8.7029, 7.8793, 25.8731

Deuteranopia

7.8939, 7.7859, 11.2120



Tritanopia

12.5044, 7.5244, 2.9838

Trichromacy



Original Color

14.4287, 7.3917, 12.4707

Protanomaly

8.7672, 6.0503, 20.1078

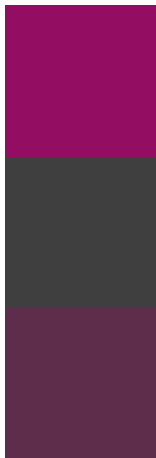
Deuteranomaly

9.0936, 6.4076, 11.5840

Tritanomaly

12.8631, 7.2167, 5.4176

Monochromacy



Original Color

14.4287, 7.3917, 12.4707

Achromatopsia

4.7246, 4.9707, 5.4130

Achromatomaly

6.8590, 4.7783, 7.3983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4287, 7.3917, 12.4707 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(147, 13, 99)` looks like.

```
.text, #text, p{  
    color:rgb(147, 13, 99)  
}
```

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(147, 13, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 13, 99) }
```

Border

The CSS property to change the border of an element to XYZ 14.4287, 7.3917, 12.4707 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(147, 13, 99) }
```


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

```
.border{ border-color:rgb(147, 13, 99) }
```

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

Here you see how a box with a 4 pixel rgb(147, 13, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 13, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 13, 99);  
box-shadow:4px 4px 4px 4px rgb(147, 13,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4287, 7.3917, 12.4707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 13, 99) }
```

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

```
.background{ background-color: rgb(147, 13,  
99) }
```

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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