

Converting Colors

XYZ(14.4249, 7.2443, 9.3503)

Have a look what the booklet for
XYZ(14.4249, 7.2443, 9.3503)
contains.

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Color

**XYZ(14.4422, 7.2512,
9.4425)**

Conversions

Conversions Part 1

Format	Color
Hex	970056
RGB	151, 0, 86
RGB Percent	59%, 0%, 34%
CMY	0.4078, 0.9999, 0.6627
CMYK	0.00, 1.00, 0.43, 0.41
HSL	326°, 100%, 30%
HSV	326°, 100%, 59%
XYZ	14.4422, 7.2512, 9.4425
YIQ	54.9530, 62.3900, 58.7580

Conversions

Conversions Part 2

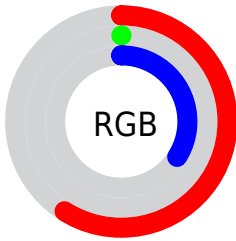
Format	Color
RYB	151, 0, 86
Decimal	9896022
CIELab	32.37, 58.31, -5.13
CIELCh	32, 58.534, 354.976
Yxy	7.2512, 0.4638, 0.2329
Android (android.graphics.Color)	4288086102 (0xFF970056)
YUV	54.9530, 15.3062, 84.2332
Hunter-Lab	26.9281, 48.6100, -1.9408

Details

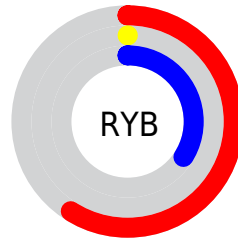
The XYZ color **14.4422, 7.2512, 9.4425** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **12.0216, 22.5152, 8.7163**, and the grayscale version is **3.6026, 3.7902, 4.1275**.

A 20% lighter version of the original color is **33.5384, 20.5114, 25.4840**, and **5.0163, 2.5398, 2.3237** is the 20% darker color. If you saturate the color by 10%, you get **14.4418, 7.2510, 9.4407**, and if you desaturate by 10%, it is **14.8887, 7.7058, 10.9431**.

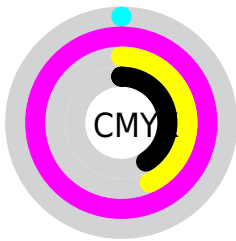
Distribution



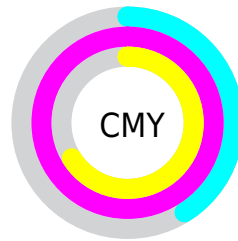
- Red (59%)
- Green (0%)
- Blue (34%)



- Red (59%)
- Yellow (0%)
- Blue (34%)



- Cyan (0%)
- Magenta (100%)
- Yellow (43%)
- Black (41%)





- Cyan (41%)
- Magenta (100%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.4422, 7.2512, 9.4425 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 14.4422, 7.2512, 9.4425 by changing the saturation by 10% instead.


 14.4422, 7.2512,
9.4425


 14.4422, 7.2512,
9.4425


213.4207,
169.7350, 196.9835


 8.5126, 3.6197,
4.9302


 33.4514, 20.4768,
25.3327


 4.4792, 1.4632,
2.1483

 47.2617, 30.8397,
37.5476


 1.9767, 0.2626,
0.6443

 64.4296, 44.2151,
53.1672

 0.6208, 0.0000,
0.0000

 85.3204, 60.9876,
72.6100


 0.0000, 0.0000,
0.0000


 110.2996, 81.5414,
96.2944


 139.7325,


106.2609, 124.6392

 173.9844,
135.5307, 158.0626

 14.4422, 7.2512,
9.4425


 14.4422, 7.2512,
9.4425


 14.4418, 7.2510,
9.4407

 14.8887, 7.7058,
10.9431

 15.4846, 8.4199,
12.6139

 16.2888, 9.5109,
14.4777

 17.3253, 11.0251,
16.5452

 18.6141, 13.0023,
18.8257

■ 20.1732, 15.4775,
21.3280

■ 22.0188, 18.4822,
24.0599

■ 24.1660, 22.0456,
27.0289

■ 26.6283, 26.1943,
30.2420

Harmonies

Analogous

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



12.8221, 7.2512, 21.7953



14.4422, 7.2512, 9.4425



13.6065, 7.2512, 2.7507

Triad

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



14.4422, 7.2512, 9.4425



4.7202, 7.2512, 0.1925



4.0686, 7.2512, 30.8323

Complementary

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



14.4422, 7.2512, 9.4425



12.0216, 22.5152, 8.7163

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.



2.8557, 7.2512, 17.2002



14.4422, 7.2512, 9.4425



3.1477, 7.2512, 1.6816

Square

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



14.4422, 7.2512, 9.4425



7.4130, 7.2512, 0.0000



2.5761, 7.2512, 6.5271



6.3961, 7.2512, 38.7318

Rectangle

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



14.4422, 7.2512, 9.4425



11.8677, 7.2512, 1.0103



2.5761, 7.2512, 6.5271



3.5473, 7.2512, 26.4380

Sweetspot

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



14.4424, 7.2516, 9.4426



39.2149, 32.7408, 42.7759



7.6315, 3.2892, 29.5107



8.6102, 6.9459, 9.2819



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.



14.4424, 7.2516, 9.4426



25.7706, 12.9485, 16.4170



12.8328, 6.6078, 0.9665



6.3487, 6.2787, 7.2166



12.3005, 6.1745, 8.1076



0.2021, 0.0996, 0.2171

Inverse Universe

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



14.4424, 7.2516, 9.4426



25.7706, 12.9485, 16.4170



15.6846, 23.9804, 28.0058



6.3487, 6.2787, 7.2166



12.3005, 6.1745, 8.1076



0.2021, 0.0996, 0.2171

Previews

White Background



This preview shows how the XYZ color 14.4422, 7.2512, 9.4425 looks on a white background.

Color Contrast Check

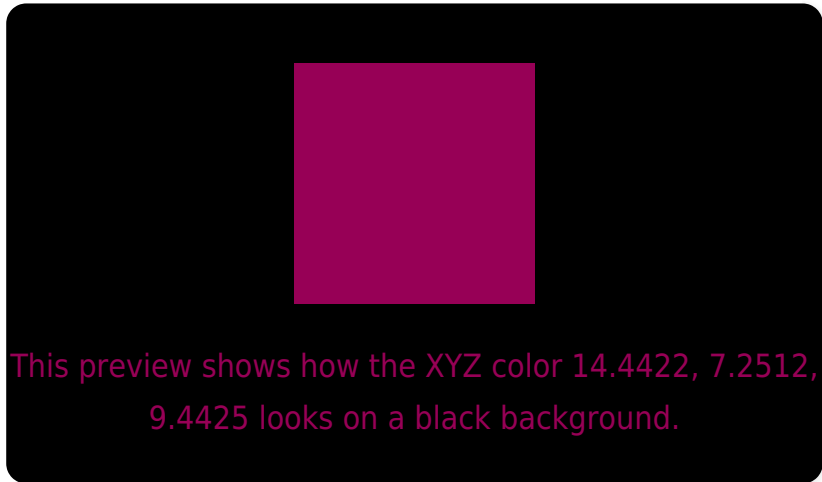
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.4422, 7.2512, 9.4425

Background



This preview shows how black text looks on a background with the XYZ color 14.4422, 7.2512, 9.4425.



This preview shows how white text looks on a background with the XYZ color 14.4422, 7.2512,

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

14.4422, 7.2512, 9.4425

Protanopia

8.4124, 7.9608, 20.1620

Deuteranopia

8.0323, 7.9132, 8.6935



Tritanopia

13.0881, 7.5613, 2.3598

Trichromacy



Original Color

14.4422, 7.2512, 9.4425

Protanomaly

8.6744, 5.8399, 15.4219

Deuteranomaly

9.0517, 6.1208, 8.6870

Tritanomaly

13.3472, 7.2297, 4.1820

Monochromacy



Original Color

14.4422, 7.2512, 9.4425

Achromatopsia

3.6313, 3.8204, 4.1605

Achromatomaly

5.8008, 3.7691, 5.5760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4422, 7.2512, 9.4425 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(151, 0, 86)` looks like.

```
.text, #text, p{  
    color:rgb(151, 0, 86)  
}
```

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(151, 0, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 0, 86) }
```

Border

The CSS property to change the border of an element to XYZ 14.4422, 7.2512, 9.4425 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(151, 0, 86) }
```


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

```
.border{ border-color:rgb(151, 0, 86) }
```

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

Here you see how a box with a 4 pixel rgb(151, 0, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 0, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 0, 86);  
box-shadow:4px 4px 4px 4px rgb(151, 0, 86)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.4422, 7.2512, 9.4425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 0, 86) }
```

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

```
.background{ background-color: rgb(151, 0,  
86) }
```

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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