

Converting Colors

XYZ(14.4950, 7.3000, 8.4726)

Have a look what the booklet for
XYZ(14.4950, 7.3000, 8.4726)
contains.

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Color

**XYZ(14.4341, 7.2695,
8.4270)**

Conversions

Conversions Part 1

Format	Color
Hex	980051
RGB	152, 0, 81
RGB Percent	60%, 0%, 32%
CMY	0.4039, 0.9999, 0.6824
CMYK	0.00, 1.00, 0.47, 0.40
HSL	328°, 100%, 30%
HSV	328°, 100%, 60%
XYZ	14.4341, 7.2695, 8.4270
YIQ	54.6820, 64.5910, 57.4150

Conversions

Conversions Part 2

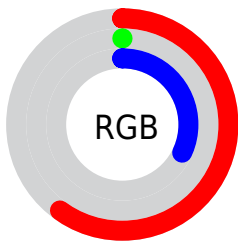
Format	Color
RYB	152, 0, 81
Decimal	9961553
CIELab	32.41, 58.08, -1.76
CIElCh	32, 58.111, 358.263
Yxy	7.2695, 0.4791, 0.2413
Android (android.graphics.Color)	4288151633 (0xFF980051)
YUV	54.6820, 12.9748, 85.3479
Hunter-Lab	26.9620, 48.3764, 0.3423

Details

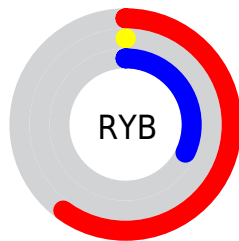
The XYZ color **14.4341, 7.2695, 8.4270** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **12.3665, 22.9117, 9.7354**, and the grayscale version is **3.5713, 3.7573, 4.0917**.

A 20% lighter version of the original color is **33.4093, 20.4927, 23.3137**, and **5.0532, 2.5665, 1.9793** is the 20% darker color. If you saturate the color by 10%, you get **14.4337, 7.2693, 8.4251**, and if you desaturate by 10%, it is **14.8885, 7.7296, 9.9618**.

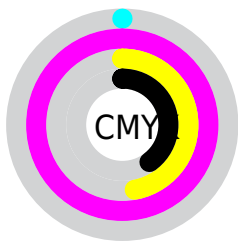
Distribution



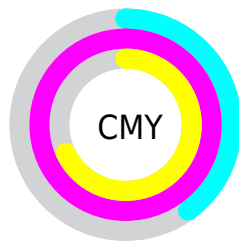
- Red (60%)
- Green (0%)
- Blue (32%)



- Red (60%)
- Yellow (0%)
- Blue (32%)



- Cyan (0%)
- Magenta (100%)
- Yellow (47%)
- Black (40%)



- Cyan (40%)
- Magenta (100%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.4341, 7.2695, 8.4270 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 14.4341, 7.2695, 8.4270 by changing the saturation by 10% instead.


 14.4341, 7.2695,
8.4270


 14.4341, 7.2695,
8.4270


213.3719,
169.8846, 189.1018


 8.5069, 3.6312,
4.2777


 33.4372, 20.5134,
23.3512


 4.4755, 1.4695,
1.7789

 47.2438, 30.8877,
34.9632


 1.9745, 0.2671,
0.4140

 64.4076, 44.2762,
49.8999

 0.6196, 0.0000,
0.0000


 85.2940, 61.0632,
68.5797

 0.0000, 0.0000,
0.0000

 110.2682, 81.6332,
91.4213


 139.6957,


106.3705, 118.8431


 173.9418,
135.6595, 151.2638

 14.4341, 7.2695,
8.4270


 14.4341, 7.2695,
8.4270


 14.4337, 7.2693,
8.4251

 14.8885, 7.7296,
9.9618

 15.4986, 8.4553,
11.6899

 16.3245, 9.5652,
13.6352

 17.3902, 11.1067,
15.8096

 18.7166, 13.1199,
18.2234

■ 20.3221, 15.6407,
20.8863

■ 22.2233, 18.7012,
23.8071

■ 24.4355, 22.3310,
26.9943

■ 26.9729, 26.5574,
30.4557

Harmonies

Analogous

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



13.0731, 7.2695, 20.1844



14.4341, 7.2695, 8.4270



13.3426, 7.2695, 2.3843

Triad

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



14.4341, 7.2695, 8.4270



4.5207, 7.2695, 0.3286



4.2961, 7.2695, 31.9423

Complementary

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



14.4341, 7.2695, 8.4270



12.3665, 22.9117, 9.7354

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.



2.9703, 7.2695, 18.6074



14.4341, 7.2695, 8.4270



3.0711, 7.2695, 2.0151

Square

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



14.4341, 7.2695, 8.4270



7.0859, 7.2695, 0.0000



2.5967, 7.2695, 7.4246



6.7359, 7.2695, 38.6048

Rectangle

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



14.4341, 7.2695, 8.4270



11.5086, 7.2695, 0.8754



2.5967, 7.2695, 7.4246



3.7351, 7.2695, 27.7695

Sweetspot

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



14.4343, 7.2699, 8.4271



39.0108, 32.6591, 41.7010



8.2622, 3.6050, 29.9660



8.5592, 6.9256, 9.0136



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.



14.4343, 7.2699, 8.4271



25.3865, 12.7949, 14.3945



12.9770, 6.6870, 0.7528



6.3394, 6.2749, 7.1676



12.1182, 6.1015, 7.1472



0.1995, 0.0986, 0.2036

Inverse Universe

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



14.4343, 7.2699, 8.4271



25.3865, 12.7949, 14.3945



16.4897, 24.5610, 31.4482



6.3394, 6.2749, 7.1676



12.1182, 6.1015, 7.1472



0.1995, 0.0986, 0.2036

Previews

White Background



This preview shows how the XYZ color 14.4341, 7.2695, 8.4270 looks on a white background.

Color Contrast Check

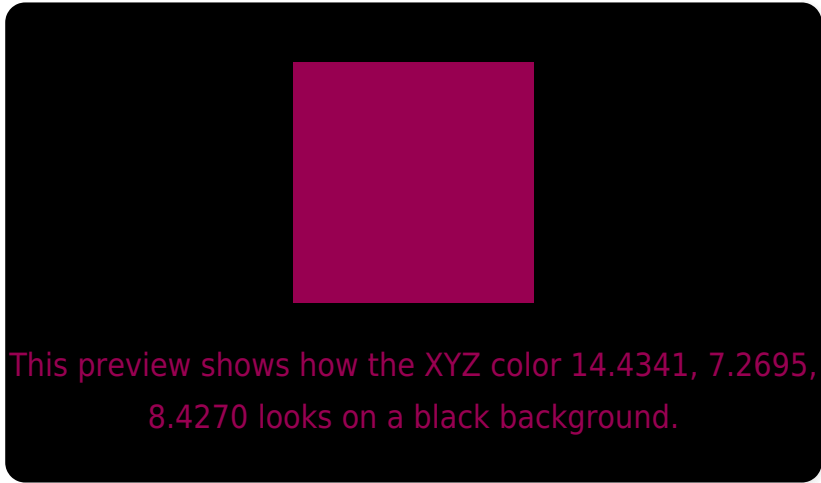
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.4341, 7.2695, 8.4270

Background



This preview shows how black text looks on a background with the XYZ color 14.4341, 7.2695, 8.4270.



This preview shows how white text looks on a background with the XYZ color 14.4341, 7.2695,

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

14.4341, 7.2695, 8.4270

Protanopia

8.2500, 7.9264, 17.9248

Deuteranopia

8.0437, 7.9396, 7.7652



Tritanopia

13.3549, 7.6213, 2.1337

Trichromacy



Original Color

14.4341, 7.2695, 8.4270

Protanomaly

8.6763, 5.8774, 13.7739

Deuteranomaly

9.1200, 6.1772, 7.7328

Tritanomaly

13.5884, 7.3099, 3.7124

Monochromacy



Original Color

14.4341, 7.2695, 8.4270

Achromatopsia

3.6313, 3.8204, 4.1605

Achromatomaly

5.7429, 3.7459, 5.2708

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4341, 7.2695, 8.4270 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(152, 0, 81)` looks like.

```
.text, #text, p{  
    color:rgb(152, 0, 81)  
}
```

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(152, 0, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 0, 81) }
```

Border

The CSS property to change the border of an element to XYZ 14.4341, 7.2695, 8.4270 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(152, 0, 81) }
```


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

```
.border{ border-color:rgb(152, 0, 81) }
```

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

Here you see how a box with a 4 pixel rgb(152, 0, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 0, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 0, 81);  
box-shadow:4px 4px 4px 4px rgb(152, 0, 81)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.4341, 7.2695, 8.4270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 0, 81) }
```

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

```
.background{ background-color: rgb(152, 0,  
81) }
```

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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