

Converting Colors

XYZ(14.2437, 7.1600, 8.9286)

Have a look what the booklet for
XYZ(14.2437, 7.1600, 8.9286)
contains.

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Color

**XYZ(14.1779, 7.1241,
9.0153)**

Conversions

Conversions Part 1

Format	Color
Hex	960054
RGB	150, 0, 84
RGB Percent	59%, 0%, 33%
CMY	0.4118, 0.9999, 0.6706
CMYK	0.00, 1.00, 0.44, 0.41
HSL	326°, 100%, 29%
HSV	326°, 100%, 59%
XYZ	14.1779, 7.1241, 9.0153
YIQ	54.4260, 62.4360, 57.9240

Conversions

Conversions Part 2

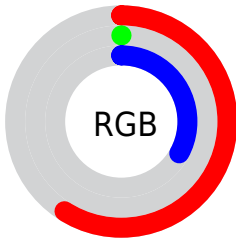
Format	Color
R_{YB}	150, 0, 84
Decimal	9830484
CIE Lab	32.09, 57.90, -4.26
CIE LCh	32, 58.054, 355.791
Yxy	7.1241, 0.4677, 0.2350
Android (android.graphics.Color)	4288020564 (0xFF960054)
YUV	54.4260, 14.5800, 83.8184
Hunter-Lab	26.6910, 48.1075, -1.3424

Details

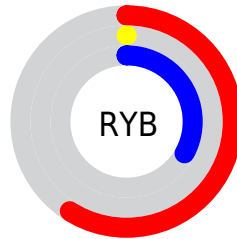
The XYZ color **14.1779, 7.1241, 9.0153** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **11.8905, 22.2064, 8.8166**, and the grayscale version is **3.5374, 3.7217, 4.0529**.

A 20% lighter version of the original color is **33.0442, 20.2809, 24.3633**, and **4.8804, 2.4736, 2.1397** is the 20% darker color. If you saturate the color by 10%, you get **14.1776, 7.1240, 9.0137**, and if you desaturate by 10%, it is **14.6199, 7.5746, 10.4990**.

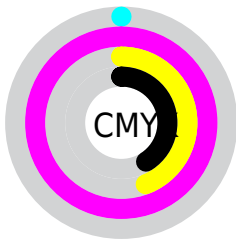
Distribution



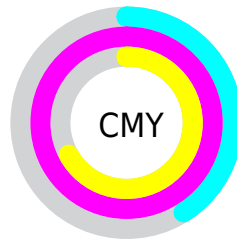
- Red (59%)
- Green (0%)
- Blue (33%)



- Red (59%)
- Yellow (0%)
- Blue (33%)



- Cyan (0%)
- Magenta (100%)
- Yellow (44%)
- Black (41%)





- Cyan (41%)
- Magenta (100%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.1779, 7.1241, 9.0153 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 14.1779, 7.1241, 9.0153 by changing the saturation by 10% instead.


 14.1779, 7.1241,
9.0153


 14.1779, 7.1241,
9.0153


211.8233,
168.6909, 193.7143


 8.3270, 3.5398,
4.6542


 32.9880, 20.2224,
24.5043


 4.3585, 1.4196,
1.9907

 46.6779, 30.5053,
36.4693


 1.9069, 0.2311,
0.5495

 63.7116, 43.7898,
51.8060

 0.5808, 0.0000,
0.0000


 84.4543, 60.4603,
70.9330

 0.0000, 0.0000,
0.0000

 109.2715, 80.9013,
94.2688


 138.5285,


105.4972, 122.2319


 172.5906,
134.6322, 155.2409

 14.1779, 7.1241,
9.0153


 14.1779, 7.1241,
9.0153


 14.1776, 7.1240,
9.0137

 14.6199, 7.5746,
10.4990

 15.2095, 8.2803,
12.1552

 16.0054, 9.3577,
14.0068

 17.0310, 10.8522,
16.0643

 18.3061, 12.8031,
18.3373

■ 19.8485, 15.2447,
20.8344

■ 21.6742, 18.2081,
23.5637

■ 23.7978, 21.7219,
26.5326

■ 26.2330, 25.8126,
29.7483

Harmonies

Analogous

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



12.6504, 7.1241, 20.9972



14.1779, 7.1241, 9.0153



13.2944, 7.1241, 2.6079

Triad

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



14.1779, 7.1241, 9.0153



4.5852, 7.1241, 0.2134



4.0498, 7.1241, 30.5414

Complementary

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



14.1779, 7.1241, 9.0153



11.8905, 22.2064, 8.8166

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.



2.8318, 7.1241, 17.2256



14.1779, 7.1241, 9.0153



3.0718, 7.1241, 1.7292

Square

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



14.1779, 7.1241, 9.0153



7.1974, 7.1241, 0.0000



2.5345, 7.1241, 6.6215



6.3622, 7.1241, 37.9966

Rectangle

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



14.1779, 7.1241, 9.0153



11.5636, 7.1241, 0.9586



2.5345, 7.1241, 6.6215



3.5284, 7.1241, 26.2797

Sweetspot

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



14.1781, 7.1245, 9.0154



38.0411, 31.7908, 41.2823



7.6859, 3.3266, 29.0911



8.1485, 6.5852, 8.7346



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.



14.1781, 7.1245, 9.0154



24.9312, 12.5367, 15.4380



12.6327, 6.5064, 0.8777



5.9286, 5.8665, 6.7301



11.7749, 5.9150, 7.5617



0.1590, 0.0783, 0.1708

Inverse Universe

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



14.1781, 7.1245, 9.0154



24.9312, 12.5367, 15.4380



15.6403, 23.7063, 28.5628



5.9286, 5.8665, 6.7301



11.7749, 5.9150, 7.5617



0.1590, 0.0783, 0.1708

Previews

White Background



This preview shows how the XYZ color 14.1779, 7.1241, 9.0153 looks on a white background.

Color Contrast Check

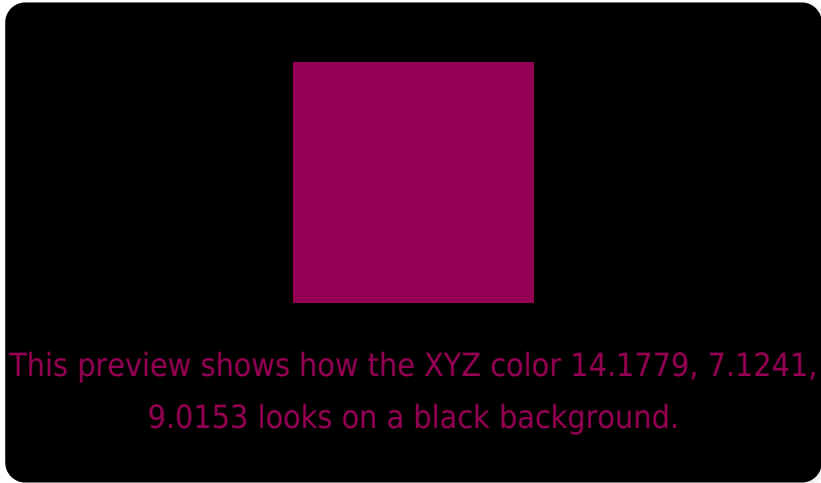
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.1779, 7.1241, 9.0153

Background



This preview shows how black text looks on a background with the XYZ color 14.1779, 7.1241, 9.0153.



This preview shows how white text looks on a background with the XYZ color 14.1779, 7.1241,

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

14.1779, 7.1241, 9.0153

Protanopia

8.1550, 7.7450, 19.1543

Deuteranopia

7.8901, 7.7452, 8.2868



Tritanopia

12.8652, 7.4063, 2.2649

Trichromacy



Original Color

14.1779, 7.1241, 9.0153

Protanomaly

8.5244, 5.7122, 14.8406

Deuteranomaly

8.9353, 6.0081, 8.2781

Tritanomaly

13.1007, 7.0802, 3.9249

Monochromacy



Original Color

14.1779, 7.1241, 9.0153

Achromatopsia

3.5063, 3.6889, 4.0173

Achromatomaly

5.6460, 3.6496, 5.4079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1779, 7.1241, 9.0153 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(150, 0, 84)` looks like.

```
.text, #text, p{  
    color:rgb(150, 0, 84)  
}
```

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(150, 0, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 0, 84) }
```

Border

The CSS property to change the border of an element to XYZ 14.1779, 7.1241, 9.0153 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(150, 0, 84) }
```


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

```
.border{ border-color:rgb(150, 0, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 0, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 0, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 0, 84);  
box-shadow:4px 4px 4px 4px rgb(150, 0, 84)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.1779, 7.1241, 9.0153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 0, 84) }
```

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

```
.background{ background-color: rgb(150, 0,  
84) }
```

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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