

Converting Colors

XYZ(14.2193, 7.0965, 11.2310)

Have a look what the booklet for
XYZ(14.2193, 7.0965, 11.2310)
contains.

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Color

**XYZ(14.2331, 7.1041,
11.2107)**

Conversions

Conversions Part 1

Format	Color
Hex	94005E
RGB	148, 0, 94
RGB Percent	58%, 0%, 37%
CMY	0.4196, 0.9999, 0.6314
CMYK	0.00, 1.00, 0.36, 0.42
HSL	322°, 100%, 29%
HSV	322°, 100%, 58%
XYZ	14.2331, 7.1041, 11.2107
YIQ	54.9680, 58.0340, 60.6100

Conversions

Conversions Part 2

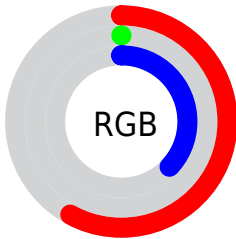
Format	Color
R_{YB}	148, 0, 94
Decimal	9699422
CIE _{Lab}	32.04, 58.44, -10.91
CIE _{LCh}	32, 59.444, 349.427
Yxy	7.1041, 0.4373, 0.2183
Android (android.graphics.Color)	4287889502 (0xFF94005E)
YUV	54.9680, 19.2428, 81.5891
Hunter-Lab	26.6535, 48.6762, -6.2804

Details

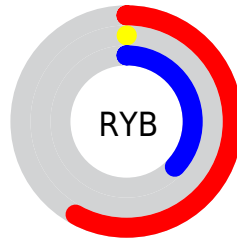
The XYZ color **14.2331, 7.1041, 11.2107** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **11.2565, 21.4464, 7.0390**, and the grayscale version is **3.6002, 3.7877, 4.1248**.

A 20% lighter version of the original color is **33.0037, 20.1676, 28.5388**, and **4.9471, 2.4887, 3.0159** is the 20% darker color. If you saturate the color by 10%, you get **14.2327, 7.1039, 11.2088**, and if you desaturate by 10%, it is **14.6524, 7.5410, 12.5884**.

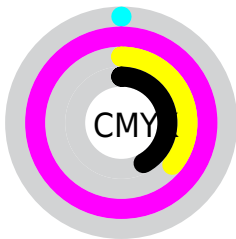
Distribution



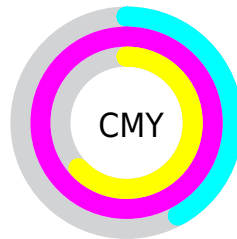
- Red (58%)
- Green (0%)
- Blue (37%)



- Red (58%)
- Yellow (0%)
- Blue (37%)



- Cyan (0%)
- Magenta (100%)
- Yellow (36%)
- Black (42%)





- Cyan (42%)
- Magenta (100%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.2331, 7.1041, 11.2107 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 14.2331, 7.1041, 11.2107 by changing the saturation by 10% instead.


 14.2331, 7.1041,
11.2107

 14.2331, 7.1041,
11.2107


212.1579,
168.5259, 209.8965


 8.3658, 3.5273,
6.0928


 33.0849, 20.1823,
28.6917

 4.3836, 1.4128,
2.8319

 46.8000, 30.4525,
41.8919


 1.9214, 0.2261,
1.0094

 63.8618, 43.7227,
58.6233

 0.5892, 0.0000,
0.0000


 84.6356, 60.3771,
79.3043


 0.0000, 0.0000,
0.0000


 109.4868, 80.8002,
104.3536

 138.7806,

105.3765, 134.1897


 172.8825,
134.4903, 169.2312

 14.2331, 7.1041,
11.2107


 14.2331, 7.1041,
11.2107


 14.2327, 7.1039,
11.2088

 14.6524, 7.5410,
12.5884

 15.2071, 8.2212,
14.0966

 15.9547, 9.2590,
15.7559

 16.9174, 10.6984,
17.5756

 18.1144, 12.5769,
19.5633

■ 19.5623, 14.9278,
21.7262

■ 21.2766, 17.7811,
24.0708

■ 23.2711, 21.1643,
26.6031

■ 25.5588, 25.1030,
29.3290

Harmonies

Analogous

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



12.2022, 7.1041, 24.4090



14.2331, 7.1041, 11.2107



13.8545, 7.1041, 3.4130

Triad

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



14.2331, 7.1041, 11.2107



4.9969, 7.1041, 0.0000



3.6324, 7.1041, 28.5331

Complementary

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



14.2331, 7.1041, 11.2107



11.2565, 21.4464, 7.0390

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.



2.6190, 7.1041, 14.7016



14.2331, 7.1041, 11.2107



3.2284, 7.1041, 1.1728

Square

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



14.2331, 7.1041, 11.2107



7.8763, 7.1041, 0.0000



2.4974, 7.1041, 5.0643



5.7405, 7.1041, 38.3703

Rectangle

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



14.2331, 7.1041, 11.2107



12.3133, 7.1041, 1.2468



2.4974, 7.1041, 5.0643



3.1830, 7.1041, 23.8646

Sweetspot

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



14.2333, 7.1045, 11.2108



37.3420, 31.0386, 42.2085



6.7521, 2.8637, 28.2137



8.2495, 6.6257, 9.2666



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.



14.2333, 7.1045, 11.2108



25.0282, 12.5006, 19.3310



12.3599, 6.3551, 1.3454



5.9464, 5.8736, 6.8239



12.1704, 6.0732, 9.6445



0.1632, 0.0800, 0.1929

Inverse Universe

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



14.2333, 7.1045, 11.2108



25.0282, 12.5006, 19.3310



14.3433, 22.6811, 23.2940



5.9464, 5.8736, 6.8239



12.1704, 6.0732, 9.6445



0.1632, 0.0800, 0.1929

Previews

White Background



This preview shows how the XYZ color 14.2331, 7.1041, 11.2107 looks on a white background.

Color Contrast Check

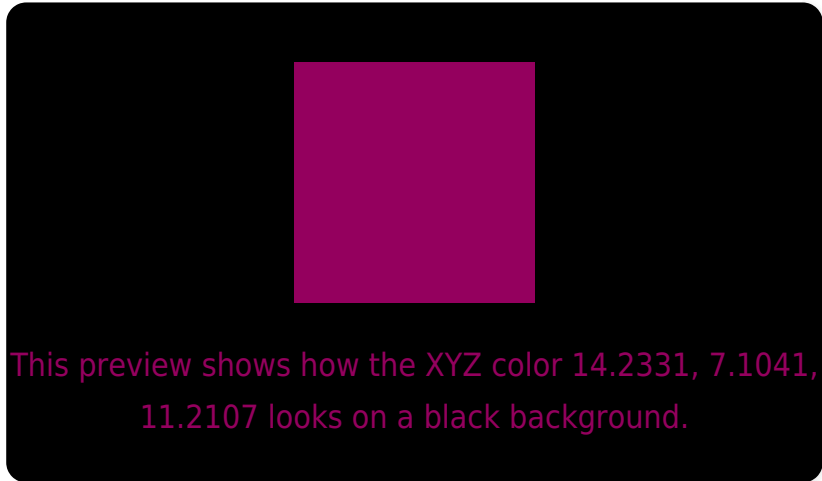
Large Text (above 18pt) WCAG AA ✓ Pass

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

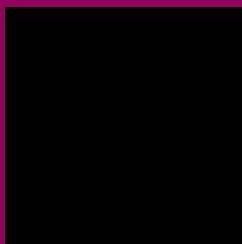
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.2331, 7.1041, 11.2107

Background



This preview shows how black text looks on a background with the XYZ color 14.2331, 7.1041, 11.2107.



This preview shows how white text looks on a background with the XYZ color 14.2331, 7.1041, 11.2107.

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

14.2331, 7.1041, 11.2107

Protanopia

8.5484, 7.8413, 23.9846

Deuteranopia

7.7844, 7.6508, 10.0833



Tritanopia

12.6885, 7.4828, 2.6093

Trichromacy



Original Color

14.2331, 7.1041, 11.2107

Protanomaly

8.5130, 5.6274, 18.4068

Deuteranomaly

8.8463, 5.9163, 10.3486

Tritanomaly

12.9444, 7.0697, 4.6853

Monochromacy



Original Color

14.2331, 7.1041, 11.2107

Achromatopsia

3.6313, 3.8204, 4.1605

Achromatomaly

5.7950, 3.7556, 6.0497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2331, 7.1041, 11.2107 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(148, 0, 94)` looks like.

```
.text, #text, p{  
    color:rgb(148, 0, 94)  
}
```

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(148, 0, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 0, 94) }
```

Border

The CSS property to change the border of an element to XYZ 14.2331, 7.1041, 11.2107 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(148, 0, 94) }
```


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

```
.border{ border-color:rgb(148, 0, 94) }
```

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

Here you see how a box with a 4 pixel rgb(148, 0, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 0, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 0, 94);  
box-shadow:4px 4px 4px 4px rgb(148, 0, 94)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.2331, 7.1041, 11.2107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 0, 94) }
```

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

```
.background{ background-color: rgb(148, 0,  
94) }
```

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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