

Converting Colors

XYZ(14.1897, 7.1717, 7.1437)

Have a look what the booklet for
XYZ(14.1897, 7.1717, 7.1437)
contains.

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Color

**XYZ(14.1849, 7.1698,
7.1148)**

Conversions

Conversions Part 1

Format	Color
Hex	98004A
RGB	152, 0, 74
RGB Percent	60%, 0%, 29%
CMY	0.4039, 0.9999, 0.7098
CMYK	0.00, 1.00, 0.51, 0.40
HSL	331°, 100%, 30%
HSV	331°, 100%, 60%
XYZ	14.1849, 7.1698, 7.1148
YIQ	53.8840, 66.8380, 55.2380

Conversions

Conversions Part 2

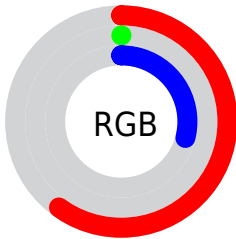
Format	Color
R_{YB}	152, 0, 74
Decimal	9961546
CIE _{Lab}	32.19, 57.50, 2.53
CIE _{LCh}	32, 57.554, 2.520
Yxy	7.1698, 0.4982, 0.2518
Android (android.graphics.Color)	4288151626 (0xFF98004A)
YUV	53.8840, 9.9172, 86.0477
Hunter-Lab	26.7765, 47.7019, 2.9895

Details

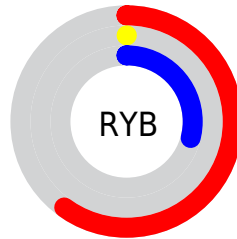
The XYZ color **14.1849, 7.1698, 7.1148** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **12.6043, 23.0069, 10.9880**, and the grayscale version is **3.4757, 3.6568, 3.9822**.

A 20% lighter version of the original color is **32.8929, 20.2862, 20.5943**, and **4.8634, 2.4786, 1.5184** is the 20% darker color. If you saturate the color by 10%, you get **14.1845, 7.1696, 7.1130**, and if you desaturate by 10%, it is **14.6382, 7.6295, 8.6441**.

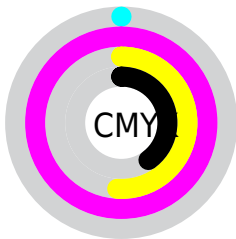
Distribution



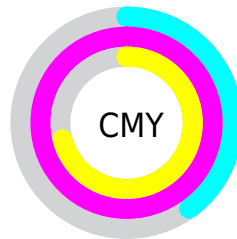
- Red (60%)
- Green (0%)
- Blue (29%)



- Red (60%)
- Yellow (0%)
- Blue (29%)



- Cyan (0%)
- Magenta (100%)
- Yellow (51%)
- Black (40%)




- Cyan (40%)
- Magenta (100%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.1849, 7.1698, 7.1148 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 14.1849, 7.1698, 7.1148 by changing the saturation by 10% instead.


 14.1849, 7.1698,
7.1148


 14.1849, 7.1698,
7.1148


211.8658,
169.0672, 178.2812


 8.3319, 3.5685,
3.4545


 33.0003, 20.3140,
20.7206


 4.3617, 1.4353,
1.3311

 46.6934, 30.6257,
31.5031


 1.9087, 0.2425,
0.0871

 63.7306, 43.9430,
45.4968

 0.5819, 0.0000,
0.0000


 84.4773, 60.6503,
63.1201


 0.0000, 0.0000,
0.0000


 109.2988, 81.1320,
84.7917


 138.5605,


105.7724, 110.9300

 172.6277,
134.9560, 141.9537

 14.1849, 7.1698,
7.1148


 14.1849, 7.1698,
7.1148


 14.1845, 7.1696,
7.1130

 14.6382, 7.6295,
8.6441

 15.2524, 8.3568,
10.3934

 16.0876, 9.4704,
12.3881

 17.1683, 11.0178,
14.6414

 18.5156, 13.0394,
17.1653

■ 20.1481, 15.5710,
19.9705

■ 22.0827, 18.6449,
23.0672

■ 24.3349, 22.2906,
26.4649

■ 26.9190, 26.5357,
30.1726

Harmonies

Analogous

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



13.1768, 7.1698, 17.9402



14.1849, 7.1698, 7.1148



12.7939, 7.1698, 1.9299

Triad

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



14.1849, 7.1698, 7.1148



4.2005, 7.1698, 0.4874



4.5208, 7.1698, 32.8563

Complementary

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



14.1849, 7.1698, 7.1148



12.6043, 23.0069, 10.9880

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.



3.0673, 7.1698, 20.1792



14.1849, 7.1698, 7.1148



2.9233, 7.1698, 2.4586

Square

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



14.1849, 7.1698, 7.1148



6.5686, 7.1698, 0.0000



2.5775, 7.1698, 8.5420



7.0668, 7.1698, 37.8174

Rectangle

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



14.1849, 7.1698, 7.1148



10.8753, 7.1698, 0.6871



2.5775, 7.1698, 8.5420



3.9163, 7.1698, 29.0546

Sweetspot

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



14.1851, 7.1702, 7.1149



38.7590, 32.5584, 40.3749



8.6490, 3.8044, 29.9841



8.4965, 6.9005, 8.6835



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.



14.1851, 7.1702, 7.1149



24.9480, 12.6195, 12.0856



12.9492, 6.6759, 0.6067



6.3278, 6.2703, 7.1063



11.9090, 6.0179, 6.0460



0.1963, 0.0973, 0.1867

Inverse Universe

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



14.1851, 7.1702, 7.1149



24.9480, 12.6195, 12.0856



16.8959, 24.7235, 33.5872



6.3278, 6.2703, 7.1063



11.9090, 6.0179, 6.0460



0.1963, 0.0973, 0.1867

Previews

White Background



This preview shows how the XYZ color 14.1849, 7.1698, 7.1148 looks on a white background.

Color Contrast Check

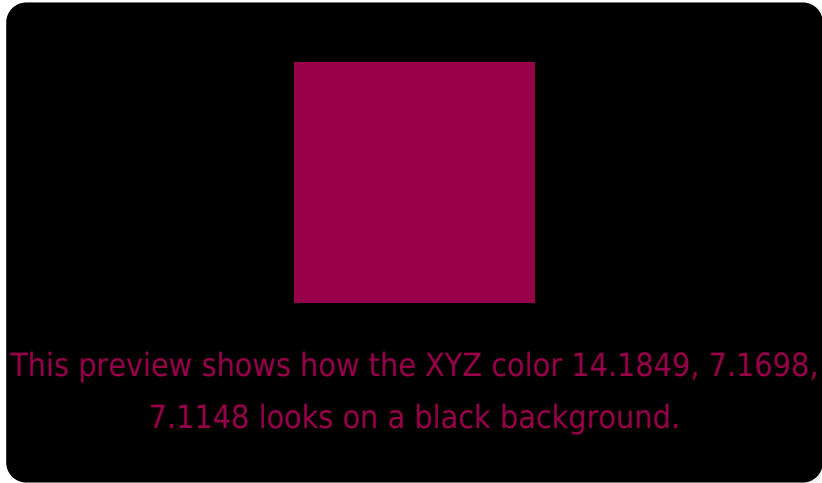
Large Text (above 18pt) WCAG AA ✓ Pass

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

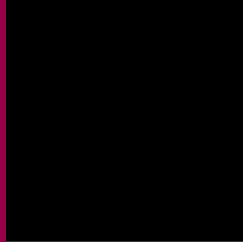
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.1849, 7.1698, 7.1148

Background



This preview shows how black text looks on a background with the XYZ color 14.1849, 7.1698, 7.1148.



This preview shows how white text looks on a background with the XYZ color 14.1849, 7.1698,

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

14.1849, 7.1698, 7.1148

Protanopia

7.9768, 7.8499, 15.0047

Deuteranopia

7.9422, 7.8104, 6.5578



Tritanopia

13.2388, 7.4515, 1.9029

Trichromacy



Original Color

14.1849, 7.1698, 7.1148

Protanomaly

8.4617, 5.8168, 11.5032

Deuteranomaly

8.9725, 6.0668, 6.4925

Tritanomaly

13.4525, 7.2014, 3.1636

Monochromacy



Original Color

14.1849, 7.1698, 7.1148

Achromatopsia

3.5063, 3.6889, 4.0173

Achromatomaly

5.6308, 3.6546, 4.8235

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1849, 7.1698, 7.1148 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, 74)` looks like.

```
.text, #text, p{  
    color:rgb(152, 0, 74)  
}
```

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, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 0, 74) }
```

Border

The CSS property to change the border of an element to XYZ 14.1849, 7.1698, 7.1148 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, 74) }
```


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

```
.border{ border-color:rgb(152, 0, 74) }
```

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, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 0, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 0, 74);  
box-shadow:4px 4px 4px 4px rgb(152, 0, 74)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.1849, 7.1698, 7.1148 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, 74) }
```

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

```
.background{ background-color: rgb(152, 0,  
74) }
```

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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