

Converting Colors

XYZ(14.2058, 10.0340, 2.7553)

Have a look what the booklet for
XYZ(14.2058, 10.0340, 2.7553)
contains.

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Color

**XYZ(14.1694, 9.9912,
2.7718)**

Conversions

Conversions Part 1

Format	Color
Hex	934023
RGB	147, 64, 35
RGB Percent	58%, 25%, 14%
CMY	0.4235, 0.7490, 0.8627
CMYK	0.00, 0.56, 0.76, 0.42
HSL	16°, 62%, 36%
HSV	16°, 76%, 58%
XYZ	14.1694, 9.9912, 2.7718
YIQ	85.5110, 58.7770, 8.5770

Conversions

Conversions Part 2

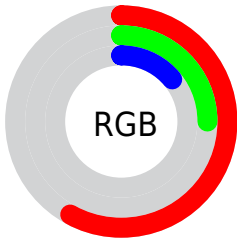
Format	Color
R_{YB}	147, 74, 35
Decimal	9650211
CIE _{Lab}	37.83, 33.11, 33.97
CIE _{LCh}	38, 47.435, 45.737
Yxy	9.9912, 0.5261, 0.3710
Android (android.graphics.Color)	4287840291 (0xFF934023)
YUV	85.5110, -24.9019, 53.9259
Hunter-Lab	31.6089, 24.7012, 16.9270

Details

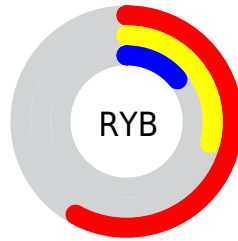
The XYZ color **14.1694, 9.9912, 2.7718** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **12.4375, 15.4197, 29.9243**, and the grayscale version is **8.7845, 9.2420, 10.0645**.

A 20% lighter version of the original color is **32.9561, 25.7505, 11.0180**, and **4.3735, 2.4877, 0.2497** is the 20% darker color. If you saturate the color by 10%, you get **13.4397, 8.8110, 1.6683**, and if you desaturate by 10%, it is **15.1110, 11.4491, 4.3974**.

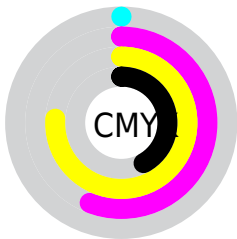
Distribution



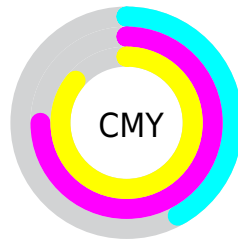
- Red (58%)
- Green (25%)
- Blue (14%)



- Red (58%)
- Yellow (29%)
- Blue (14%)



- Cyan (0%)
- Magenta (56%)
- Yellow (76%)
- Black (42%)





- Cyan (42%)
- Magenta (75%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.1694, 9.9912, 2.7718 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 14.1694, 9.9912, 2.7718 by changing the saturation by 10% instead.


 14.1694, 9.9912,
2.7718


 14.1694, 9.9912,
2.7718


211.7717,
190.6092, 133.3989


 8.3211, 5.3931,
0.9793


 32.9731, 25.7789,
11.0600


 4.3546, 2.4797,
0.0000

 46.6591, 37.7374,
18.3927


 1.9046, 0.8665,
0.0000

 63.6884, 52.9181,
28.4093

 0.5795, 0.0000,
0.0000

 84.4264, 71.7055,
41.5283

 0.0000, 0.0000,
0.0000

 109.2383, 94.4839,
58.1682

 138.4896,

121.6377, 78.7476

172.5457,
153.5514, 103.6850

14.1694, 9.9912,
2.7718

14.1694, 9.9912,
2.7718

13.4397, 8.8110,
1.6683

15.1110, 11.4491,
4.3974

12.8990, 7.8868,
1.0033

16.2806, 13.2001,
6.6003

12.7278, 7.5936,
0.7949

17.6931, 15.2602,
9.4294

19.3621, 17.6439,
12.9280

21.3001, 20.3645,
17.1356

■ 23.5186, 23.4347,
22.0886

■ 26.0285, 26.8665,
27.8210

■ 28.8402, 30.6713,
34.3645

■ 31.9634, 34.8601,
41.7491

Harmonies

Analogous

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



16.2783, 9.9912, 6.9527



14.1694, 9.9912, 2.7718



11.0049, 9.9912, 1.3979

Triad

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



14.1694, 9.9912, 2.7718



4.8959, 9.9912, 7.2646



11.1653, 9.9912, 36.1294

Complementary

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



14.1694, 9.9912, 2.7718



12.4375, 15.4197, 29.9243

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.



8.1323, 9.9912, 36.3770



14.1694, 9.9912, 2.7718



4.9209, 9.9912, 16.0591

Square

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



14.1694, 9.9912, 2.7718



5.9060, 9.9912, 2.8955



5.9835, 9.9912, 27.7312



14.3081, 9.9912, 27.1691

Rectangle

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



14.1694, 9.9912, 2.7718



8.9259, 9.9912, 1.2911



5.9835, 9.9912, 27.7312



10.0905, 9.9912, 37.3486

Sweetspot

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



14.1696, 9.9918, 2.7720



39.1746, 37.9011, 32.9628



15.9634, 8.7370, 18.2978



8.6568, 8.2542, 6.8930



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.



14.1696, 9.9918, 2.7720



23.3897, 14.6261, 2.1294



18.9327, 19.5180, 4.3597



5.9157, 6.0451, 6.0955



11.0523, 6.6190, 0.6951



0.1563, 0.1232, 0.0155

Inverse Universe

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



12.4375, 15.4197, 29.9243



19.9731, 24.5069, 53.1122



7.7371, 6.0190, 28.3576



5.8383, 6.3106, 7.3801



9.3210, 11.3369, 25.6280



0.1379, 0.1864, 0.3216

Previews

White Background



This preview shows how the XYZ color 14.1694, 9.9912, 2.7718 looks on a white background.

Color Contrast Check

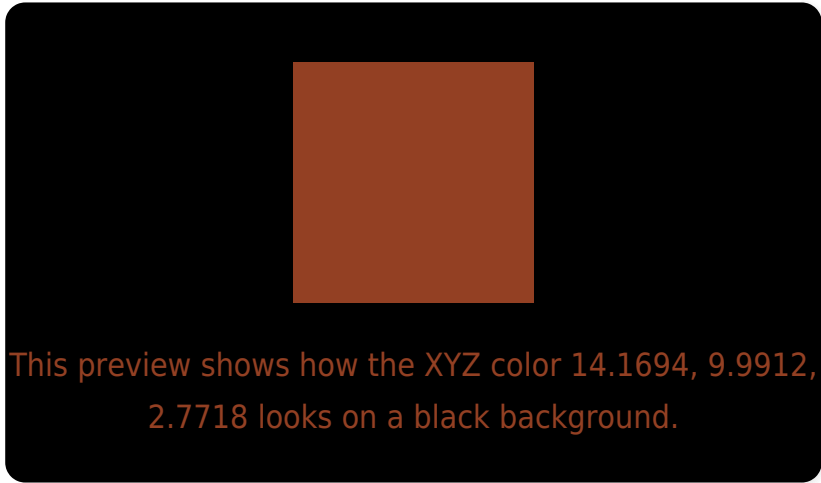
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

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 14.1694, 9.9912, 2.7718

Background



This preview shows how black text looks on a background with the XYZ color 14.1694, 9.9912, 2.7718.



This preview shows how white text looks on a background with the XYZ color 14.1694, 9.9912,

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

14.1694, 9.9912, 2.7718

Protanopia

9.3477, 10.1961, 3.7609

Deuteranopia

10.1524, 10.0305, 2.5634



Tritanopia

14.8356, 10.0150, 6.1522

Trichromacy



Original Color

14.1694, 9.9912, 2.7718

Protanomaly

10.6616, 9.8200, 3.3410

Deuteranomaly

11.3586, 9.7667, 2.5828

Tritanomaly

14.6012, 10.0075, 4.6521

Monochromacy



Original Color

14.1694, 9.9912, 2.7718

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

9.9219, 9.0422, 6.5326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1694, 9.9912, 2.7718 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(147, 64, 35)` looks like.

```
.text, #text, p{  
    color:rgb(147, 64, 35)  
}
```

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(147, 64, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 64, 35) }
```

Border

The CSS property to change the border of an element to XYZ 14.1694, 9.9912, 2.7718 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(147, 64, 35) }
```


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

```
.border{ border-color:rgb(147, 64, 35) }
```

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

Here you see how a box with a 4 pixel rgb(147, 64, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 64, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 64, 35);  
box-shadow:4px 4px 4px 4px rgb(147, 64,  
35) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1694, 9.9912, 2.7718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 64, 35) }
```

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

```
.background{ background-color: rgb(147, 64,  
35) }
```

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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