

Converting Colors

XYZ(14.3129, 8.9989, 1.8078)

Have a look what the booklet for
XYZ(14.3129, 8.9989, 1.8078)
contains.

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Color

**XYZ(14.3898, 9.0308,
1.7953)**

Conversions

Conversions Part 1

Format	Color
Hex	993117
RGB	153, 49, 23
RGB Percent	60%, 19%, 9%
CMY	0.4000, 0.8078, 0.9098
CMYK	0.00, 0.68, 0.85, 0.40
HSL	12°, 74%, 35%
HSV	12°, 85%, 60%
XYZ	14.3898, 9.0308, 1.7953
YIQ	77.1320, 70.3300, 13.9620

Conversions

Conversions Part 2

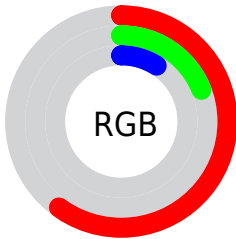
Format	Color
R_{YB}	153, 56, 23
Decimal	10039575
CIE _{Lab}	36.04, 42.16, 38.83
CIE _{LCh}	36, 57.315, 42.642
Yxy	9.0308, 0.5707, 0.3581
Android (android.graphics.Color)	4288229655 (0xFF993117)
YUV	77.1320, -26.6871, 66.5362
Hunter-Lab	30.0513, 32.8834, 17.4938

Details

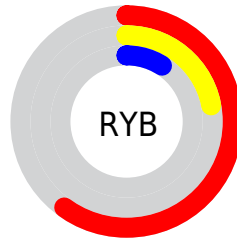
The XYZ color **14.3898, 9.0308, 1.7953** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **13.6915, 17.6589, 32.8235**, and the grayscale version is **7.1182, 7.4889, 8.1554**.

A 20% lighter version of the original color is **33.4594, 24.0332, 8.5056**, and **4.6161, 2.3797, 0.2160** is the 20% darker color. If you saturate the color by 10%, you get **13.8333, 8.0979, 1.0551**, and if you desaturate by 10%, it is **15.1734, 10.2780, 3.0434**.

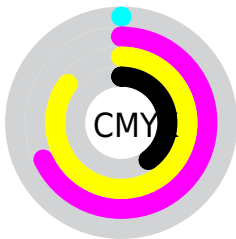
Distribution



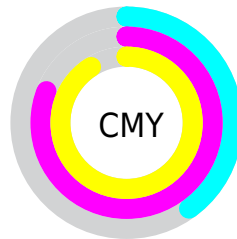
- Red (60%)
- Green (19%)
- Blue (9%)



- Red (60%)
- Yellow (22%)
- Blue (9%)



- Cyan (0%)
- Magenta (68%)
- Yellow (85%)
- Black (40%)





- Cyan (40%)
- Magenta (81%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3898, 9.0308, 1.7953 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 14.3898, 9.0308, 1.7953 by changing the saturation by 10% instead.


 14.3898, 9.0308,
1.7953


 14.3898, 9.0308,
1.7953


213.1049,
183.6075, 119.1126


 8.4758, 4.7613,
0.4249


 33.3596, 23.9558,
8.4732


 4.4552, 2.1079,
0.0000

 47.1461, 35.3801,
14.7121


 1.9628, 0.6691,
0.0000

 64.2875, 49.9581,
23.4423

 0.6129, 0.0000,
0.0000


 85.1491, 68.0742,
35.0825


 0.0000, 0.0000,
0.0000

 110.0963, 90.1128,
50.0510


 139.4944,


116.4583, 68.7665


 173.7088,
147.4950, 91.6475


 14.3898, 9.0308,
1.7953


 14.3898, 9.0308,
1.7953


 13.8333, 8.0979,
1.0551


 15.1734, 10.2780,
3.0434

 13.6165, 7.7318,
0.7747

 16.2078, 11.8640,
4.8768

 17.5137, 13.8124,
7.3570

 19.1091, 16.1441,
10.5377

 21.0107, 18.8784,
14.4667

■ 23.2337, 22.0333,
19.1878

■ 25.7923, 25.6258,
24.7413

■ 28.6998, 29.6716,
31.1647

■ 31.9689, 34.1860,
38.4934

Harmonies

Analogous

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



16.7367, 9.0308, 6.2589



14.3898, 9.0308, 1.7953



10.6998, 9.0308, 0.5201

Triad

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



14.3898, 9.0308, 1.7953



3.7108, 9.0308, 5.2147



10.1054, 9.0308, 42.0584

Complementary

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



14.3898, 9.0308, 1.7953



13.6915, 17.6589, 32.8235

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.



6.7664, 9.0308, 41.0097



14.3898, 9.0308, 1.7953



3.6312, 9.0308, 14.5601

Square

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



14.3898, 9.0308, 1.7953



4.8535, 9.0308, 1.4650



4.5964, 9.0308, 28.9166



13.8562, 9.0308, 31.2262

Rectangle

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



14.3898, 9.0308, 1.7953



8.2838, 9.0308, 0.3419



4.5964, 9.0308, 28.9166



8.8903, 9.0308, 43.2198

Sweetspot

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



14.3900, 9.0313, 1.7954



41.3847, 39.1424, 33.8811



17.2739, 8.9173, 20.8893



8.8441, 8.2271, 6.8527



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.



14.3900, 9.0313, 1.7954



24.2784, 13.6319, 1.3516



19.3087, 18.8686, 3.4350



6.3039, 6.4129, 6.5114



11.2740, 6.4304, 0.6470



0.1900, 0.1390, 0.0168

Inverse Universe

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



13.6915, 17.6589, 32.8235



22.7142, 28.9529, 58.3633



7.8257, 5.9273, 30.8683



6.2796, 6.8165, 7.9137



10.5675, 13.5317, 26.9626



0.1817, 0.2498, 0.4110

Previews

White Background



This preview shows how the XYZ color 14.3898, 9.0308, 1.7953 looks on a white background.

Color Contrast Check

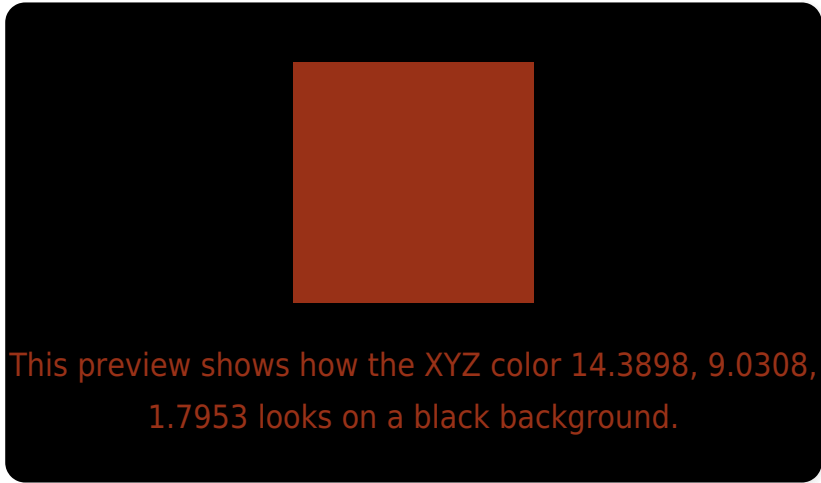
Large Text (above 18pt) WCAG AA ✓ Pass

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

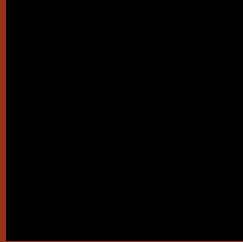
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.3898, 9.0308, 1.7953

Background



This preview shows how black text looks on a background with the XYZ color 14.3898, 9.0308, 1.7953.



This preview shows how white text looks on a background with the XYZ color 14.3898, 9.0308,

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

14.3898, 9.0308, 1.7953

Protanopia

8.4124, 9.2467, 2.7079

Deuteranopia

9.2765, 9.1470, 1.4202



Tritanopia

14.8578, 9.0458, 3.8686

Trichromacy



Original Color

14.3898, 9.0308, 1.7953

Protanomaly

9.9404, 8.6357, 2.3053

Deuteranomaly

10.6519, 8.6428, 1.4546

Tritanomaly

14.7259, 9.0563, 2.9794

Monochromacy



Original Color

14.3898, 9.0308, 1.7953

Achromatopsia

7.0540, 7.4214, 8.0819

Achromatomaly

8.5714, 7.3130, 4.8307

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3898, 9.0308, 1.7953 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(153, 49, 23)` looks like.

```
.text, #text, p{  
  color:rgb(153, 49, 23)  
}
```

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(153, 49, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 49, 23) }
```

Border

The CSS property to change the border of an element to XYZ 14.3898, 9.0308, 1.7953 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(153, 49, 23) }
```


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

```
.border{ border-color:rgb(153, 49, 23) }
```

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

Here you see how a box with a 4 pixel rgb(153, 49, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 49, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 49, 23);  
box-shadow:4px 4px 4px 4px rgb(153, 49,  
23) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3898, 9.0308, 1.7953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 49, 23) }
```

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

```
.background{ background-color: rgb(153, 49,  
23) }
```

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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