

Converting Colors

XYZ(14.2123, 8.9232, 0.9733)

Have a look what the booklet for
XYZ(14.2123, 8.9232, 0.9733)
contains.

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Color

**XYZ(14.1938, 8.8862,
0.9671)**

Conversions

Conversions Part 1

Format	Color
Hex	993000
RGB	153, 48, 0
RGB Percent	60%, 19%, 0%
CMY	0.4000, 0.8117, 1.0000
CMYK	0.00, 0.69, 1.00, 0.40
HSL	19°, 100%, 30%
HSV	19°, 100%, 60%
XYZ	14.1938, 8.8862, 0.9671
YIQ	73.9230, 77.9880, 7.3320

Conversions

Conversions Part 2

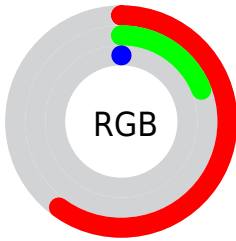
Format	Color
R_{YB}	153, 70, 0
Decimal	10039296
CIE _{Lab}	35.76, 42.15, 47.83
CIE _{LCh}	36, 63.751, 48.612
Yxy	8.8862, 0.5902, 0.3695
Android (android.graphics.Color)	4288229376 (0xFF993000)
YUV	73.9230, -36.4440, 69.3505
Hunter-Lab	29.8097, 32.8251, 18.9433

Details

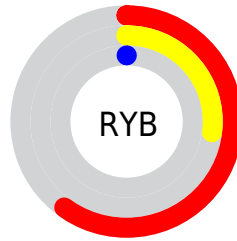
The XYZ color **14.1938, 8.8862, 0.9671** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **10.8006, 12.4017, 31.9612**, and the grayscale version is **6.5487, 6.8897, 7.5029**.

A 20% lighter version of the original color is **33.1790, 23.8004, 5.9772**, and **4.5142, 2.3272, 0.2113** is the 20% darker color. If you saturate the color by 10%, you get **14.1940, 8.8867, 0.9672**, and if you desaturate by 10%, it is **14.7638, 9.8850, 1.5931**.

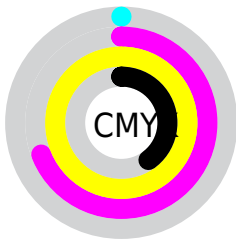
Distribution



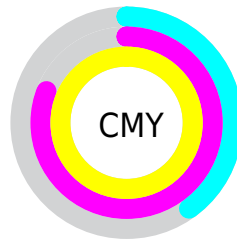
- Red (60%)
- Green (19%)
- Blue (0%)



- Red (60%)
- Yellow (27%)
- Blue (0%)



- Cyan (0%)
- Magenta (69%)
- Yellow (100%)
- Black (40%)





- Cyan (40%)
- Magenta (81%)
- Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 14.1938, 8.8862, 0.9671 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 14.1938, 8.8862, 0.9671 by changing the saturation by 10% instead.


 14.1938, 8.8862,
0.9671


 14.1938, 8.8862,
0.9671


 211.9197,
182.5267, 103.4104


 8.3382, 4.6670,
0.0000


 33.0159, 23.6783,
5.9515


 4.3657, 2.0533,
0.0000

 46.7131, 35.0200,
10.9983


 1.9110, 0.6381,
0.0000

 63.7549, 49.5047,
18.3061

 0.5832, 0.0000,
0.0000

 84.5066, 67.5168,
28.2935


 0.0000, 0.0000,
0.0000


 109.3335, 89.4406,
41.3792


 138.6012,


115.6606, 57.9815


 172.6748,
146.5612, 78.5191

 14.1938, 8.8862,
0.9671


 14.1938, 8.8862,
0.9671


 14.1940, 8.8867,
0.9672

 14.7638, 9.8850,
1.5931

 15.5073, 11.1260,
2.5991

 16.4605, 12.6338,
4.1455

 17.6410, 14.4244,
6.2977

 19.0644, 16.5123,
9.1115

■ 20.7446, 18.9110,
12.6364

■ 22.6944, 21.6330,
16.9172

■ 24.9259, 24.6903,
21.9947

■ 27.4502, 28.0939,
27.9071

Harmonies

Analogous

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



17.3327, 8.8862, 4.4521



14.1938, 8.8862, 0.9671



9.9577, 8.8862, 0.0000

Triad

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



14.1938, 8.8862, 0.9671



3.1512, 8.8862, 6.1319



10.9738, 8.8862, 45.6288

Complementary

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



14.1938, 8.8862, 0.9671



10.8006, 12.4017, 31.9612

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.



7.0957, 8.8862, 47.5570



14.1938, 8.8862, 0.9671



3.2751, 8.8862, 17.9164

Square

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



14.1938, 8.8862, 0.9671



4.0956, 8.8862, 1.4220



4.5068, 8.8862, 35.0572



15.1253, 8.8862, 30.8772

Rectangle

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



14.1938, 8.8862, 0.9671



7.4077, 8.8862, 0.0000



4.5068, 8.8862, 35.0572



9.5772, 8.8862, 48.0629

Sweetspot

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



14.1940, 8.8867, 0.9672



40.4225, 38.4368, 29.8028



15.7959, 7.8359, 14.6174



8.6184, 8.0603, 5.8997



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.



14.1940, 8.8867, 0.9672



25.2716, 15.6183, 1.6827



20.1455, 20.7897, 2.9511



6.3591, 6.5233, 6.5298



11.7583, 7.3990, 0.8084



0.2057, 0.1705, 0.0221

Inverse Universe

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



10.8006, 12.4017, 31.9612



19.1707, 21.8660, 57.1821



6.2294, 3.2591, 30.4374



6.2210, 6.6994, 7.8942



8.9573, 10.3112, 26.4259



0.1660, 0.2184, 0.4058

Previews

White Background



This preview shows how the XYZ color 14.1938, 8.8862, 0.9671 looks on a white background.

Color Contrast Check

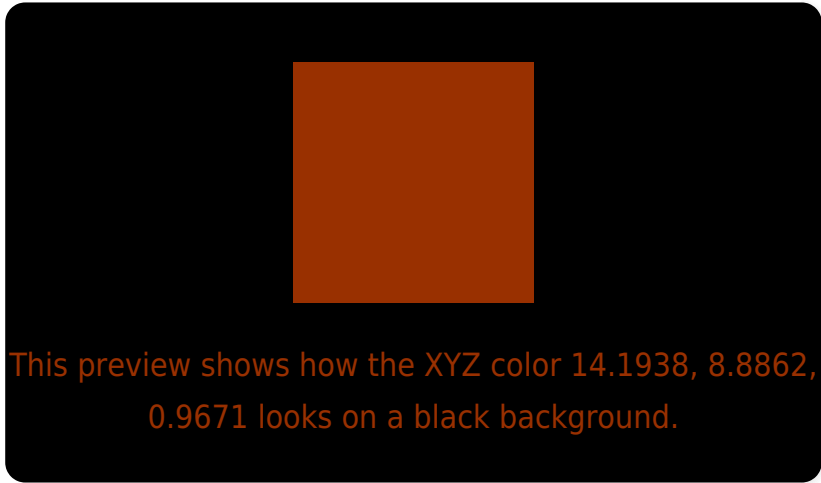
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.1938, 8.8862, 0.9671

Background



This preview shows how black text looks on a background with the XYZ color 14.1938, 8.8862, 0.9671.



This preview shows how white text looks on a background with the XYZ color 14.1938, 8.8862,

0.9671.

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

14.1938, 8.8862, 0.9671

Protanopia

8.2452, 9.1798, 1.8275

Deuteranopia

9.1268, 9.0730, 1.2702



Tritanopia

14.7779, 8.9520, 3.6384

Trichromacy



Original Color

14.1938, 8.8862, 0.9671

Protanomaly

9.7083, 8.4386, 1.4043

Deuteranomaly

10.4403, 8.5413, 1.0984

Tritanomaly

14.5378, 8.9178, 2.1834

Monochromacy



Original Color

14.1938, 8.8862, 0.9671

Achromatopsia

6.5089, 6.8478, 7.4573

Achromatomaly

7.9969, 6.8694, 3.5938

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1938, 8.8862, 0.9671 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, 48, 0)` looks like.

```
.text, #text, p{  
    color:rgb(153, 48, 0)  
}
```

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, 48, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 48, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.1938, 8.8862, 0.9671 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, 48, 0) }
```


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

```
.border{ border-color:rgb(153, 48, 0) }
```

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

Here you see how a box with a 4 pixel rgb(153, 48, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 48, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 48, 0);  
box-shadow:4px 4px 4px 4px rgb(153, 48, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.1938, 8.8862, 0.9671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 48, 0) }
```

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

```
.background{ background-color: rgb(153, 48,  
0) }
```

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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