

Converting Colors

XYZ(14.4034, 9.0335, 1.8751)

Have a look what the booklet for
XYZ(14.4034, 9.0335, 1.8751)
contains.

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Color

**XYZ(14.4001, 9.0349,
1.8491)**

Conversions

Conversions Part 1

Format	Color
Hex	993118
RGB	153, 49, 24
RGB Percent	60%, 19%, 9%
CMY	0.4000, 0.8078, 0.9059
CMYK	0.00, 0.68, 0.84, 0.40
HSL	12°, 73%, 35%
HSV	12°, 84%, 60%
XYZ	14.4001, 9.0349, 1.8491
YIQ	77.2460, 70.0090, 14.2730

Conversions

Conversions Part 2

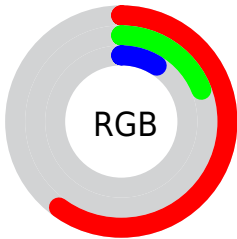
Format	Color
R_{YB}	153, 55, 24
Decimal	10039576
CIE _{Lab}	36.05, 42.19, 38.34
CIE _{LCh}	36, 57.006, 42.259
Yxy	9.0349, 0.5695, 0.3573
Android (android.graphics.Color)	4288229656 (0xFF993118)
YUV	77.2460, -26.2503, 66.4363
Hunter-Lab	30.0581, 32.9133, 17.3933

Details

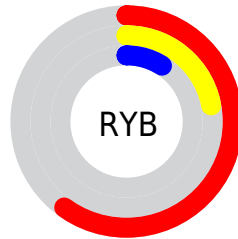
The XYZ color **14.4001, 9.0349, 1.8491** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **13.8448, 17.9309, 32.8682**, and the grayscale version is **7.1387, 7.5105, 8.1790**.

A 20% lighter version of the original color is **33.4907, 24.0457, 8.6705**, and **4.6161, 2.3797, 0.2160** is the 20% darker color. If you saturate the color by 10%, you get **13.8359, 8.0942, 1.0830**, and if you desaturate by 10%, it is **15.1950, 10.2948, 3.1319**.

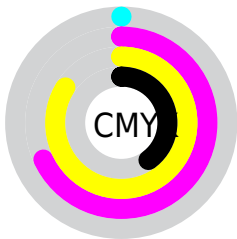
Distribution



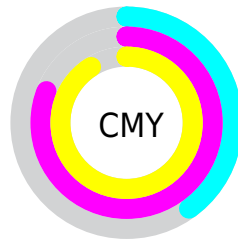
- Red (60%)
- Green (19%)
- Blue (9%)



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



- Cyan (0%)
- Magenta (68%)
- Yellow (84%)
- Black (40%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4001, 9.0349, 1.8491 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 14.4001, 9.0349, 1.8491 by changing the saturation by 10% instead.

■ 14.4001, 9.0349,
1.8491

■ 14.4001, 9.0349,
1.8491

213.1670,
183.6380, 119.9878

■ 8.4830, 4.7640,
0.4601

■ 33.3776, 23.9637,
8.6240

■ 4.4599, 2.1094,
0.0000

■ 47.1688, 35.3903,
14.9297

■ 1.9655, 0.6699,
0.0000

■ 64.3154, 49.9709,
23.7390

■ 0.6145, 0.0000,
0.0000


■ 85.1828, 68.0899,
35.4704


■ 0.0000, 0.0000,
0.0000

■ 110.1363, 90.1318,
50.5424


■ 139.5412,


116.4808, 69.3736


 173.7630,
147.5214, 92.3826


 14.4001, 9.0349,
1.8491

 14.4001, 9.0349,
1.8491


 13.8359, 8.0942,
1.0830


 15.1950, 10.2948,
3.1319

 13.5925, 7.6836,
0.7667

 16.2440, 11.8986,
5.0050

 17.5677, 13.8703,
7.5293

 19.1844, 16.2311,
10.7580

 21.1107, 19.0007,
14.7389

■ 23.3620, 22.1974,
19.5155

■ 25.9527, 25.8383,
25.1280

■ 28.8961, 29.9396,
31.6138

■ 32.2051, 34.5168,
39.0081

Harmonies

Analogous

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



16.7035, 9.0349, 6.3696



14.4001, 9.0349, 1.8491



10.7404, 9.0349, 0.5497

Triad

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



14.4001, 9.0349, 1.8491



3.7400, 9.0349, 5.1595



10.0536, 9.0349, 41.8804

Complementary

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



14.4001, 9.0349, 1.8491



13.8448, 17.9309, 32.8682

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.



6.7433, 9.0349, 40.6734



14.4001, 9.0349, 1.8491



3.6476, 9.0349, 14.3791

Square

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



14.4001, 9.0349, 1.8491



4.8948, 9.0349, 1.4635



4.5967, 9.0349, 28.5964



13.7843, 9.0349, 31.2569

Rectangle

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



14.4001, 9.0349, 1.8491



8.3319, 9.0349, 0.3633



4.5967, 9.0349, 28.5964



8.8480, 9.0349, 42.9744

Sweetspot

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



14.4003, 9.0354, 1.8492



41.3316, 39.0363, 33.8634



17.4492, 9.0199, 21.7124



8.8315, 8.2018, 6.8485



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.



14.4003, 9.0354, 1.8492



24.2377, 13.5505, 1.3380



19.1124, 18.4597, 3.4200



6.3009, 6.4070, 6.5104



11.2536, 6.3897, 0.6402



0.1891, 0.1373, 0.0165

Inverse Universe

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



13.8448, 17.9309, 32.8682



22.9277, 29.3800, 58.4345



8.0082, 6.2576, 30.9226



6.2828, 6.8230, 7.9148



10.6643, 13.7252, 26.9949



0.1826, 0.2515, 0.4113

Previews

White Background



This preview shows how the XYZ color 14.4001, 9.0349, 1.8491 looks on a white background.

Color Contrast Check

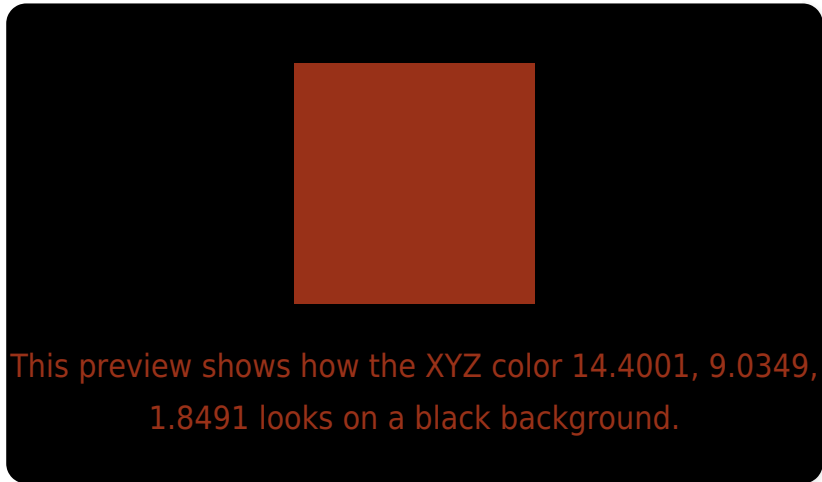
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.4001, 9.0349, 1.8491

Background



This preview shows how black text looks on a background with the XYZ color 14.4001, 9.0349, 1.8491.



This preview shows how white text looks on a background with the XYZ color 14.4001, 9.0349,

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

14.4001, 9.0349, 1.8491

Protanopia

8.4262, 9.2522, 2.7806

Deuteranopia

9.2984, 9.1558, 1.5356



Tritanopia

14.8578, 9.0458, 3.8686

Trichromacy



Original Color

14.4001, 9.0349, 1.8491

Protanomaly

9.9530, 8.6407, 2.3715

Deuteranomaly

10.6648, 8.6479, 1.5226

Tritanomaly

14.7259, 9.0563, 2.9794

Monochromacy



Original Color

14.4001, 9.0349, 1.8491

Achromatopsia

7.0540, 7.4214, 8.0819

Achromatomaly

8.5966, 7.3231, 4.9634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4001, 9.0349, 1.8491 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, 24)` looks like.

```
.text, #text, p{  
    color:rgb(153, 49, 24)  
}
```

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, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 49, 24) }
```

Border

The CSS property to change the border of an element to XYZ 14.4001, 9.0349, 1.8491 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, 24) }
```


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

```
.border{ border-color:rgb(153, 49, 24) }
```

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, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 49, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 49, 24);  
box-shadow:4px 4px 4px 4px rgb(153, 49,  
24) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4001, 9.0349, 1.8491 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, 24) }
```

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

```
.background{ background-color: rgb(153, 49,  
24) }
```

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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