

Converting Colors

XYZ(14.3893, 9.2429, 2.4043)

Have a look what the booklet for
XYZ(14.3893, 9.2429, 2.4043)
contains.

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Color

**XYZ(14.4376, 9.2357,
2.3882)**

Conversions

Conversions Part 1

Format	Color
Hex	983420
RGB	152, 52, 32
RGB Percent	60%, 20%, 13%
CMY	0.4039, 0.7961, 0.8745
CMYK	0.00, 0.66, 0.79, 0.40
HSL	10°, 65%, 36%
HSV	10°, 79%, 60%
XYZ	14.4376, 9.2357, 2.3882
YIQ	79.6200, 66.0200, 14.9800

Conversions

Conversions Part 2

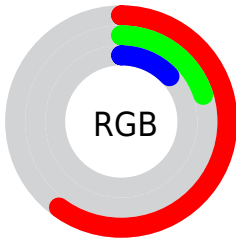
Format	Color
R_{YB}	152, 56, 32
Decimal	9974816
CIE _{Lab}	36.43, 40.77, 34.42
CIE _{LCh}	36, 53.358, 40.171
Yxy	9.2357, 0.5540, 0.3544
Android (android.graphics.Color)	4288164896 (0xFF983420)
YUV	79.6200, -23.4767, 63.4773
Hunter-Lab	30.3903, 31.6175, 16.6139

Details

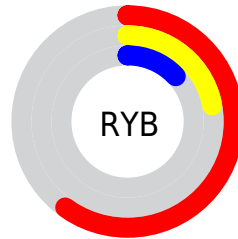
The XYZ color **14.4376, 9.2357, 2.3882** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **14.5134, 19.0747, 32.6224**, and the grayscale version is **7.5868, 7.9819, 8.6923**.

A 20% lighter version of the original color is **33.3768, 24.2476, 10.1288**, and **4.6161, 2.3797, 0.2160** is the 20% darker color. If you saturate the color by 10%, you get **13.7852, 8.1887, 1.3762**, and if you desaturate by 10%, it is **15.3375, 10.6253, 3.9531**.

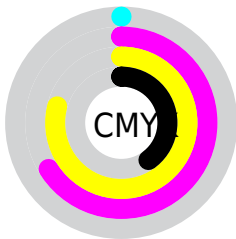
Distribution



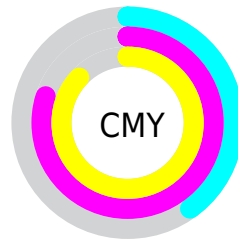
- Red (60%)
- Green (20%)
- Blue (13%)



- Red (60%)
- Yellow (22%)
- Blue (13%)



- Cyan (0%)
- Magenta (66%)
- Yellow (79%)
- Black (40%)




- Cyan (40%)
- Magenta (80%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4376, 9.2357, 2.3882 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 14.4376, 9.2357, 2.3882 by changing the saturation by 10% instead.


 14.4376, 9.2357,
2.3882


 14.4376, 9.2357,
2.3882


213.3930,
185.1266, 128.1402


 8.5094, 4.8952,
0.7800


 33.4433, 24.3476,
10.0773


 4.4771, 2.1859,
0.0000

 47.2515, 35.8879,
17.0067


 1.9754, 0.7123,
0.0000

 64.4171, 50.5969,
26.5508

 0.6201, 0.0000,
0.0000

 85.3054, 68.8590,
39.1281


 0.0000, 0.0000,
0.0000


 110.2818, 91.0587,
55.1572


 139.7116,


117.5802, 75.0565


 173.9602,
148.8081, 99.2446


 14.4376, 9.2357,
2.3882


 14.4376, 9.2357,
2.3882


 13.7852, 8.1887,
1.3762


 15.3375, 10.6253,
3.9531

 13.3421, 7.4479,
0.7803

 16.5069, 12.3828,
6.1353

 13.3038, 7.3853,
0.7243

 17.9662, 14.5327,
8.9910

 19.7332, 17.0971,
12.5696

 21.8247, 20.0963,
16.9161

■ 24.2559, 23.5492,
22.0717

■ 27.0412, 27.4737,
28.0746

■ 30.1941, 31.8868,
34.9608

■ 33.7275, 36.8045,
42.7641

Harmonies

Analogous

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



16.4300, 9.2357, 7.2282



14.4376, 9.2357, 2.3882



11.0607, 9.2357, 0.8826

Triad

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



14.4376, 9.2357, 2.3882



4.1324, 9.2357, 5.1447



9.9225, 9.2357, 39.7353

Complementary

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



14.4376, 9.2357, 2.3882



14.5134, 19.0747, 32.6224

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.



6.8336, 9.2357, 37.8274



14.4376, 9.2357, 2.3882



3.9706, 9.2357, 13.5394

Square

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



14.4376, 9.2357, 2.3882



5.3475, 9.2357, 1.6640



4.8330, 9.2357, 26.4701



13.4306, 9.2357, 30.7207

Rectangle

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



14.4376, 9.2357, 2.3882



8.7597, 9.2357, 0.6614



4.8330, 9.2357, 26.4701



8.7968, 9.2357, 40.4386

Sweetspot

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



14.4378, 9.2362, 2.3883



40.3699, 38.1018, 33.7551



17.6301, 9.3743, 22.7099



8.8642, 8.2170, 7.0146



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.



14.4378, 9.2362, 2.3883



23.6999, 13.3844, 1.6162



19.0037, 18.3679, 3.9103



6.2879, 6.3809, 6.5061



11.1714, 6.2253, 0.6128



0.1854, 0.1298, 0.0153

Inverse Universe

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



14.5134, 19.0747, 32.6224



23.6270, 31.0657, 57.1847



8.5805, 7.2088, 30.6447



6.2969, 6.8512, 7.9195



11.0979, 14.5925, 27.1394



0.1864, 0.2592, 0.4126

Previews

White Background



This preview shows how the XYZ color 14.4376, 9.2357, 2.3882 looks on a white background.

Color Contrast Check

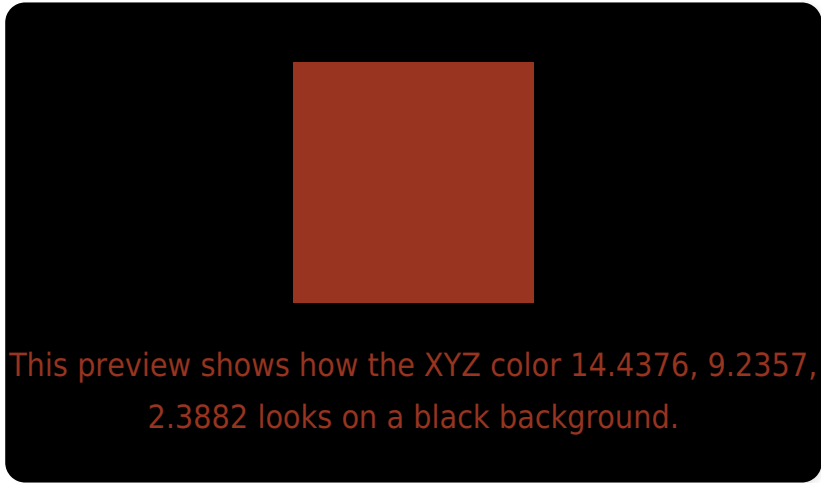
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.4376, 9.2357, 2.3882

Background



This preview shows how black text looks on a background with the XYZ color 14.4376, 9.2357, 2.3882.



This preview shows how white text looks on a background with the XYZ color 14.4376, 9.2357,

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

14.4376, 9.2357, 2.3882

Protanopia

8.6500, 9.4704, 3.5625

Deuteranopia

9.4888, 9.3517, 2.1691



Tritanopia

14.8973, 9.3014, 4.2590

Trichromacy



Original Color

14.4376, 9.2357, 2.3882

Protanomaly

10.0011, 8.7505, 2.9956

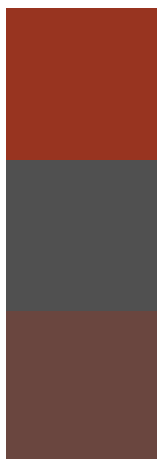
Deuteranomaly

10.9085, 8.9456, 2.1886

Tritanomaly

14.7943, 9.3294, 3.5036

Monochromacy



Original Color

14.4376, 9.2357, 2.3882

Achromatopsia

7.6249, 8.0220, 8.7359

Achromatomaly

9.0312, 7.8034, 5.7328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4376, 9.2357, 2.3882 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, 52, 32)` looks like.

```
.text, #text, p{  
    color:rgb(152, 52, 32)  
}
```

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, 52, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 52, 32) }
```

Border

The CSS property to change the border of an element to XYZ 14.4376, 9.2357, 2.3882 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, 52, 32) }
```


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

```
.border{ border-color:rgb(152, 52, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 52, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 52, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 52, 32);  
box-shadow:4px 4px 4px 4px rgb(152, 52,  
32) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4376, 9.2357, 2.3882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 52, 32) }
```

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

```
.background{ background-color: rgb(152, 52,  
32) }
```

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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