

Converting Colors

XYZ(14.6929, 8.3516, 2.3682)

Have a look what the booklet for
XYZ(14.6929, 8.3516, 2.3682)
contains.

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Color

**XYZ(14.7372, 8.3713,
2.3525)**

Conversions

Conversions Part 1

Format	Color
Hex	9D2122
RGB	157, 33, 34
RGB Percent	62%, 13%, 13%
CMY	0.3843, 0.8705, 0.8667
CMYK	0.00, 0.79, 0.78, 0.38
HSL	360°, 65%, 37%
HSV	360°, 79%, 62%
XYZ	14.7372, 8.3713, 2.3525
YIQ	70.1900, 73.5830, 26.5990

Conversions

Conversions Part 2

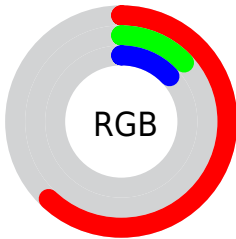
Format	Color
RYB	157, 33, 34
Decimal	10297634
CIELab	34.74, 49.89, 31.79
CIElCh	35, 59.154, 32.504
Yxy	8.3713, 0.5788, 0.3288
Android (android.graphics.Color)	4288487714 (0xFF9D2122)
YUV	70.1900, -17.8417, 76.1324
Hunter-Lab	28.9332, 40.2863, 15.4325

Details

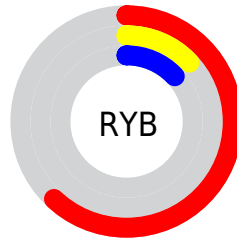
The XYZ color **14.7372, 8.3713, 2.3525** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **18.6859, 26.8378, 35.6516**, and the grayscale version is **5.8741, 6.1800, 6.7300**.

A 20% lighter version of the original color is **33.8971, 22.6147, 9.9756**, and **5.0370, 2.5967, 0.2357** is the 20% darker color. If you saturate the color by 10%, you get **14.2225, 7.6237, 1.3126**, and if you desaturate by 10%, it is **15.5573, 9.5671, 3.9965**.

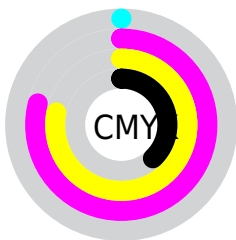
Distribution



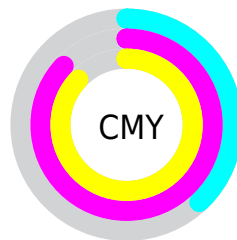
- Red (62%)
- Green (13%)
- Blue (13%)



- Red (62%)
- Yellow (13%)
- Blue (13%)



- Cyan (0%)
- Magenta (79%)
- Yellow (78%)
- Black (38%)




- Cyan (38%)
- Magenta (87%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7372, 8.3713, 2.3525 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 14.7372, 8.3713, 2.3525 by changing the saturation by 10% instead.


 14.7372, 8.3713,
2.3525


 14.7372, 8.3713,
2.3525


215.1901,
178.6160, 127.6304


 8.7203, 4.3334,
0.7604


 33.9669, 22.6832,
9.9839


 4.6148, 1.8618,
0.0000

 47.9105, 33.7260,
16.8742


 2.0555, 0.5252,
0.0000

 65.2269, 47.8726,
26.3725

 0.6648, 0.0000,
0.0000

 86.2816, 65.5074,
38.8971

 0.0000, 0.0000,
0.0000

 111.4399, 87.0147,
54.8667

 141.0672,

112.7790, 74.6997

175.5288,
143.1846, 98.8148

14.7372, 8.3713,
2.3525

14.7372, 8.3713,
2.3525

14.2225, 7.6237,
1.3126

15.5573, 9.5671,
3.9965

13.9376, 7.2092,
0.7388

16.7196, 11.2646,
6.3169

13.9114, 7.1708,
0.6869

18.2561, 13.5114,
9.3763

20.1952, 16.3492,
13.2299

22.5623, 19.8155,
17.9279

■ 25.3810, 23.9450,
23.5162

■ 28.6730, 28.7697,
30.0373

■ 32.4587, 34.3195,
37.5313

■ 36.7571, 40.6226,
46.0356

Harmonies

Analogous

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



16.3056, 8.3713, 8.3309



14.7372, 8.3713, 2.3525



11.3248, 8.3713, 0.5196

Triad

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



14.7372, 8.3713, 2.3525



3.4942, 8.3713, 2.9663



8.2420, 8.3713, 42.8711

Complementary

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



14.7372, 8.3713, 2.3525



18.6859, 26.8378, 35.6516

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.



5.3328, 8.3713, 37.3167



14.7372, 8.3713, 2.3525



3.0929, 8.3713, 9.9466

Square

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



14.7372, 8.3713, 2.3525



4.9675, 8.3713, 0.7003



3.6597, 8.3713, 23.0962



11.9541, 8.3713, 35.2878

Rectangle

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



14.7372, 8.3713, 2.3525



8.8290, 8.3713, 0.0878



3.6597, 8.3713, 23.0962



7.1438, 8.3713, 42.4782

Sweetspot

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



14.7374, 8.3718, 2.3526



42.5825, 38.6745, 36.4211



20.1346, 10.4845, 32.8605



9.0153, 7.9905, 7.3109



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.7374, 8.3718, 2.3526



25.0774, 13.0847, 1.5437



18.0881, 15.0958, 3.4000



6.6351, 6.6470, 6.9296



11.2993, 5.8243, 0.5614



0.2026, 0.1044, 0.0130

Inverse Universe

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



14.7374, 8.3718, 2.3526



25.0774, 13.0847, 1.5437



10.9946, 11.3204, 33.5036



6.6351, 6.6470, 6.9296



11.2993, 5.8243, 0.5614



0.2026, 0.1044, 0.0130

Previews

White Background



This preview shows how the XYZ color 14.7372, 8.3713, 2.3525 looks on a white background.

Color Contrast Check

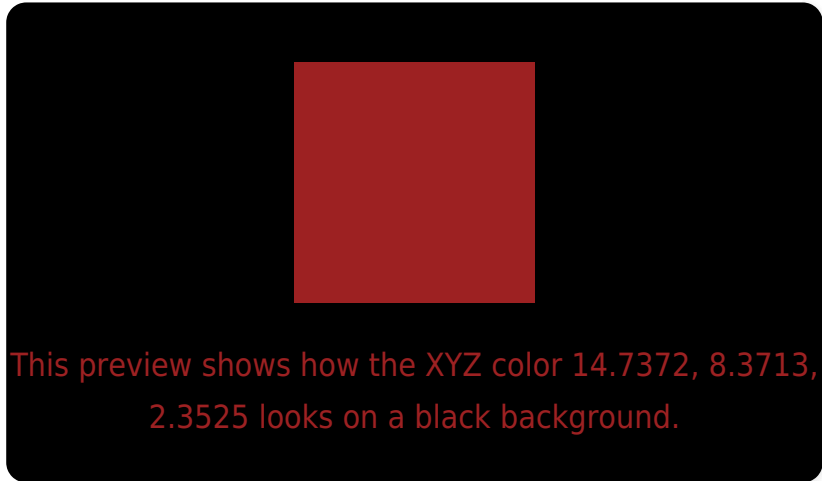
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.7372, 8.3713, 2.3525

Background



This preview shows how black text looks on a background with the XYZ color 14.7372, 8.3713, 2.3525.



This preview shows how white text looks on a background with the XYZ color 14.7372, 8.3713,

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

14.7372, 8.3713, 2.3525

Protanopia

7.9620, 8.6324, 4.1523

Deuteranopia

8.6698, 8.6010, 2.0674



Tritanopia

14.7230, 8.3656, 2.2776

Trichromacy



Original Color

14.7372, 8.3713, 2.3525

Protanomaly

9.4152, 7.6073, 3.3550

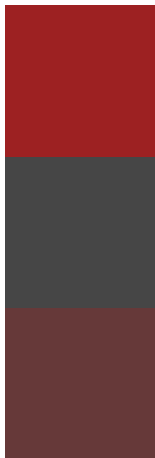
Deuteranomaly

10.1006, 7.7400, 2.0602

Tritanomaly

14.7230, 8.3656, 2.2776

Monochromacy



Original Color

14.7372, 8.3713, 2.3525

Achromatopsia

5.8214, 6.1246, 6.6697

Achromatomaly

7.6811, 6.0464, 4.6331

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7372, 8.3713, 2.3525 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(157, 33, 34)` looks like.

```
.text, #text, p{  
    color:rgb(157, 33, 34)  
}
```

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(157, 33, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 33, 34) }
```

Border

The CSS property to change the border of an element to XYZ 14.7372, 8.3713, 2.3525 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(157, 33, 34) }
```


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

```
.border{ border-color:rgb(157, 33, 34) }
```

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

Here you see how a box with a 4 pixel rgb(157, 33, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 33, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 33, 34);  
box-shadow:4px 4px 4px 4px rgb(157, 33,  
34) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7372, 8.3713, 2.3525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 33, 34) }
```

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

```
.background{ background-color: rgb(157, 33,  
34) }
```

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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