

Converting Colors

XYZ(14.6748, 10.2698, 3.6388)

Have a look what the booklet for
XYZ(14.6748, 10.2698, 3.6388)
contains.

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Color

**XYZ(14.6824, 10.2382,
3.5852)**

Conversions

Conversions Part 1

Format	Color
Hex	95402C
RGB	149, 64, 44
RGB Percent	58%, 25%, 17%
CMY	0.4157, 0.7490, 0.8274
CMYK	0.00, 0.57, 0.70, 0.42
HSL	11°, 54%, 38%
HSV	11°, 70%, 58%
XYZ	14.6824, 10.2382, 3.5852
YIQ	87.1350, 57.0800, 11.8000

Conversions

Conversions Part 2

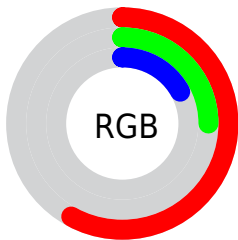
Format	Color
R_{YB}	149, 69, 44
Decimal	9781292
CIE _{Lab}	38.27, 34.37, 29.46
CIE _{LCh}	38, 45.270, 40.598
Yxy	10.2382, 0.5151, 0.3592
Android (android.graphics.Color)	4287971372 (0xFF95402C)
YUV	87.1350, -21.2656, 54.2556
Hunter-Lab	31.9972, 25.9124, 15.7547

Details

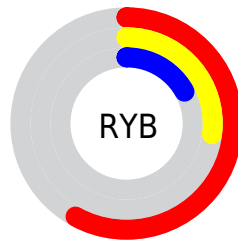
The XYZ color **14.6824, 10.2382, 3.5852** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **14.3130, 18.4045, 31.2315**, and the grayscale version is **9.1244, 9.5995, 10.4539**.

A 20% lighter version of the original color is **33.8752, 26.1827, 12.9412**, and **4.6581, 2.6150, 0.2592** is the 20% darker color. If you saturate the color by 10%, you get **13.8428, 8.9297, 2.1630**, and if you desaturate by 10%, it is **15.7702, 11.8823, 5.5865**.

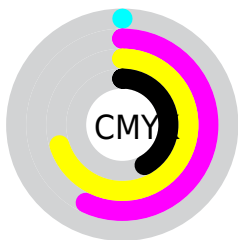
Distribution



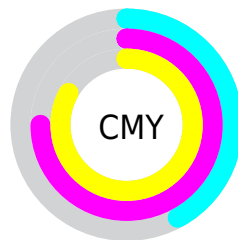
- Red (58%)
- Green (25%)
- Blue (17%)



- Red (58%)
- Yellow (27%)
- Blue (17%)



- Cyan (0%)
- Magenta (57%)
- Yellow (70%)
- Black (42%)





- Cyan (42%)
- Magenta (75%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.6824, 10.2382, 3.5852 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 14.6824, 10.2382, 3.5852 by changing the saturation by 10% instead.

 14.6824, 10.2382,
3.5852


 14.6824, 10.2382,
3.5852


214.8625,
192.3638, 143.4968


 8.6817, 5.5572,
1.4007


 33.8713, 26.2426,
13.0412


 4.5896, 2.5777,
0.1422

 47.7902, 38.3347,
21.1498


 2.0408, 0.9155,
0.0000

 65.0791, 53.6660,
32.0701

 0.6567, 0.0000,
0.0000

 86.1035, 72.6209,
46.2207

 0.0000, 0.0000,
0.0000

 111.2286, 95.5837,
64.0201

 140.8200,

122.9389, 85.8869

175.2428,
155.0708, 112.2397

■ 14.6824, 10.2382,
3.5852

■ 14.6824, 10.2382,
3.5852

■ 13.8428, 8.9297,
2.1630

■ 15.7702, 11.8823,
5.5865

■ 13.2298, 7.9315,
1.2563

■ 17.1238, 13.8817,
8.2203

■ 12.8188, 7.2385,
0.7215

■ 18.7602, 16.2564,
11.5344

■ 20.6945, 19.0245,
15.5719

■ 22.9408, 22.2029,
20.3723

■ 25.5123, 25.8074,
25.9723

■ 28.4214, 29.8532,
32.4060

■ 31.6798, 34.3545,
39.7058

■ 35.2987, 39.3249,
47.9022

Harmonies

Analogous

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



16.4082, 10.2382, 8.4285



14.6824, 10.2382, 3.5852



11.7312, 10.2382, 1.7910

Triad

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



14.6824, 10.2382, 3.5852



5.3156, 10.2382, 6.5901



10.8077, 10.2382, 35.8164

Complementary

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



14.6824, 10.2382, 3.5852



14.3130, 18.4045, 31.2315

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.



7.9723, 10.2382, 34.4349



14.6824, 10.2382, 3.5852



5.1670, 10.2382, 14.3965

Square

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



14.6824, 10.2382, 3.5852



6.4980, 10.2382, 2.8224



6.0406, 10.2382, 25.3412



13.8904, 10.2382, 28.5003

Rectangle

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



14.6824, 10.2382, 3.5852



9.6722, 10.2382, 1.5332



6.0406, 10.2382, 25.3412



9.7902, 10.2382, 36.4189

Sweetspot

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



14.6826, 10.2388, 3.5854



40.6747, 39.1856, 35.6010



17.3075, 9.7959, 22.0096



8.7852, 8.3611, 7.3978



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



14.6826, 10.2388, 3.5854



24.0593, 14.8115, 2.7578



19.0655, 19.0045, 5.0463



5.8849, 5.9837, 6.0853



10.8063, 6.1270, 0.6131



0.1488, 0.1080, 0.0130

Inverse Universe

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



14.3130, 18.4045, 31.2315



23.2174, 30.1354, 55.5143



9.1349, 8.0482, 29.5055



5.8712, 6.3764, 7.3911



10.3010, 13.2969, 25.9547



0.1455, 0.2016, 0.3241

Previews

White Background



This preview shows how the XYZ color 14.6824, 10.2382, 3.5852 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 × Fail

Black Background



This preview shows how the XYZ color 14.6824, 10.2382, 3.5852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 14.6824, 10.2382, 3.5852

Background



This preview shows how black text looks on a background with the XYZ color 14.6824, 10.2382, 3.5852.



This preview shows how white text looks on a background with the XYZ color 14.6824, 10.2382,

3.5852.

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

14.6824, 10.2382, 3.5852

Protanopia

9.6392, 10.4485, 4.8769

Deuteranopia

10.5040, 10.3128, 3.3564



Tritanopia

15.2006, 10.2032, 6.1693

Trichromacy



Original Color

14.6824, 10.2382, 3.5852

Protanomaly

10.9894, 9.9667, 4.3622

Deuteranomaly

11.7288, 10.0445, 3.4184

Tritanomaly

15.0388, 10.2247, 5.0518

Monochromacy



Original Color

14.6824, 10.2382, 3.5852

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

10.3637, 9.3619, 7.2220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6824, 10.2382, 3.5852 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(149, 64, 44)` looks like.

```
.text, #text, p{  
    color:rgb(149, 64, 44)  
}
```

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(149, 64, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 64, 44) }
```

Border

The CSS property to change the border of an element to XYZ 14.6824, 10.2382, 3.5852 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(149, 64, 44) }
```


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

```
.border{ border-color:rgb(149, 64, 44) }
```

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

Here you see how a box with a 4 pixel rgb(149, 64, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 64, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 64, 44);  
box-shadow:4px 4px 4px 4px rgb(149, 64,  
44) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6824, 10.2382, 3.5852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 64, 44) }
```

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

```
.background{ background-color: rgb(149, 64,  
44) }
```

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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