

Converting Colors

XYZ(15.5402, 11.2320, 6.9792)

Have a look what the booklet for
XYZ(15.5402, 11.2320, 6.9792)
contains.

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Color

**XYZ(15.5402, 11.2320,
6.9792)**

Conversions

Conversions Part 1

Format	Color
Hex	944745
RGB	148, 71, 69
RGB Percent	58%, 28%, 27%
CMY	0.4196, 0.7216, 0.7294
CMYK	0.00, 0.52, 0.53, 0.42
HSL	2°, 36%, 43%
HSV	2°, 53%, 58%
XYZ	15.5402, 11.2320, 6.9792
YIQ	93.7950, 46.5340, 15.7020

Conversions

Conversions Part 2

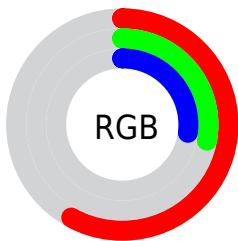
Format	Color
R_{YB}	148, 71, 69
Decimal	9717573
CIE _{Lab}	39.97, 32.16, 16.46
CIE _{LCh}	40, 36.129, 27.097
Yxy	11.2320, 0.4604, 0.3328
Android (android.graphics.Color)	4287907653 (0xFF944745)
YUV	93.7950, -12.2239, 47.5378
Hunter-Lab	33.5142, 24.1189, 11.1130

Details

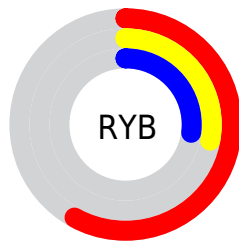
The XYZ color **15.5402, 11.2320, 6.9792** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **18.0780, 23.9602, 31.6890**, and the grayscale version is **10.6114, 11.1641, 12.1577**.

A 20% lighter version of the original color is **35.2251, 27.9382, 20.3657**, and **4.9876, 2.9756, 1.2887** is the 20% darker color. If you saturate the color by 10%, you get **14.3258, 9.4490, 4.5836**, and if you desaturate by 10%, it is **17.0876, 13.4976, 10.0514**.

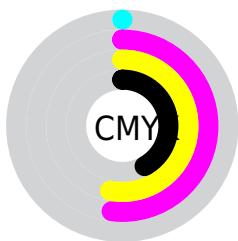
Distribution



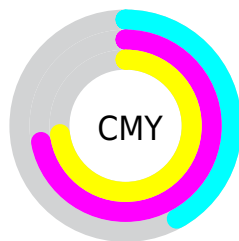
- Red (58%)
- Green (28%)
- Blue (27%)



- Red (58%)
- Yellow (28%)
- Blue (27%)



- Cyan (0%)
- Magenta (52%)
- Yellow (53%)
- Black (42%)



- Cyan (42%)
- Magenta (72%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5402, 11.2320, 6.9792 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 15.5402, 11.2320, 6.9792 by changing the saturation by 10% instead.

■ 15.5402, 11.2320,
6.9792

■ 15.5402, 11.2320,
6.9792

219.9372,
199.2524, 177.1151

■ 9.2882, 6.2231,
3.3708

■ 35.3620, 28.0884,
20.4435

■ 4.9882, 2.9812,
1.2870

■ 49.6625, 40.7047,
31.1365

■ 2.2750, 1.1219,
0.0511

■ 67.3766, 56.6255,
45.0282

■ 0.7818, 0.0000,
0.0000

■ 88.8695, 76.2354,
62.5371

■ 0.0000, 0.0000,
0.0000

■ 114.5067, 99.9186,
84.0817

144.6534,

128.0595, 110.0805

179.6751,
161.0427, 140.9521

■ 15.5402, 11.2320,
6.9792

■ 15.5402, 11.2320,
6.9792

■ 14.3258, 9.4490,
4.5836

■ 17.0876, 13.4976,
10.0514

■ 13.4191, 8.1120,
2.8130

■ 18.9890, 16.2754,
13.8452

■ 12.7928, 7.1821,
1.6093

■ 21.2648, 19.5947,
18.4028

■ 12.4143, 6.6131,
0.9036

■ 23.9335, 23.4821,
23.7626

■ 12.2535, 6.3774,
0.5851

■ 27.0124, 27.9624,
29.9606

■ 30.5179, 33.0590,
37.0306

■ 34.4652, 38.7940,
45.0045

■ 38.8691, 45.1884,
53.9127

■ 43.7435, 52.2622,
63.7841

Harmonies

Analogous

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



16.2181, 11.2320, 12.9388



15.5402, 11.2320, 6.9792



13.4989, 11.2320, 3.9422

Triad

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



15.5402, 11.2320, 6.9792



7.1338, 11.2320, 6.1825



10.4346, 11.2320, 31.7178

Complementary

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



15.5402, 11.2320, 6.9792



18.0780, 23.9602, 31.6890

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.



8.2764, 11.2320, 27.7680



15.5402, 11.2320, 6.9792



6.5662, 11.2320, 11.5471

Square

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



15.5402, 11.2320, 6.9792



8.6366, 11.2320, 3.6240



6.9497, 11.2320, 19.6144



13.0128, 11.2320, 28.9873

Rectangle

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



15.5402, 11.2320, 6.9792



11.7830, 11.2320, 3.1322



6.9497, 11.2320, 19.6144



9.6400, 11.2320, 31.1004

Sweetspot

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



15.5405, 11.2326, 6.9794



40.7704, 39.3085, 38.9951



19.5826, 12.6489, 28.8831



9.1047, 8.6786, 8.4953



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.



15.5405, 11.2326, 6.9794



24.9327, 16.1654, 7.4120



18.8432, 17.8381, 8.0803



5.8119, 5.8375, 6.0609



10.4696, 5.4535, 0.5008



0.1305, 0.0714, 0.0069

Inverse Universe

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



18.0780, 23.9602, 31.6890



29.8896, 41.0613, 55.7849



13.0765, 13.9571, 30.0218



5.9516, 6.5373, 7.4179



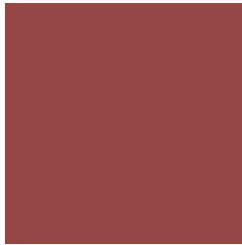
13.1197, 18.9342, 26.8942



0.1638, 0.2382, 0.3302

Previews

White Background



This preview shows how the XYZ color 15.5402, 11.2320, 6.9792 looks on a white background.

Color Contrast Check

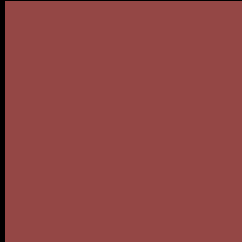
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.5402, 11.2320, 6.9792 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 15.5402, 11.2320, 6.9792

Background



This preview shows how black text looks on a background with the XYZ color 15.5402, 11.2320, 6.9792.



This preview shows how white text looks on a background with the XYZ color 15.5402, 11.2320,

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

15.5402, 11.2320, 6.9792

Protanopia

10.7957, 11.4729, 9.2349

Deuteranopia

11.5345, 11.3862, 6.7441



Tritanopia

15.6729, 11.1842, 7.9893

Trichromacy



Original Color

15.5402, 11.2320, 6.9792

Protanomaly

11.9684, 10.9593, 8.3220

Deuteranomaly

12.7876, 11.1815, 6.7945

Tritanomaly

15.6055, 11.1573, 7.6344

Monochromacy



Original Color

15.5402, 11.2320, 6.9792

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

11.9069, 10.8889, 10.0685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5402, 11.2320, 6.9792 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(148, 71, 69)` looks like.

```
.text, #text, p{  
    color:rgb(148, 71, 69)  
}
```

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(148, 71, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 71, 69) }
```

Border

The CSS property to change the border of an element to XYZ 15.5402, 11.2320, 6.9792 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(148, 71, 69) }
```


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

```
.border{ border-color:rgb(148, 71, 69) }
```

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

Here you see how a box with a 4 pixel rgb(148, 71, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 71, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 71, 69);  
box-shadow:4px 4px 4px 4px rgb(148, 71,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5402, 11.2320, 6.9792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 71, 69) }
```

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

```
.background{ background-color: rgb(148, 71,  
69) }
```

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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