

Converting Colors

XYZ(15.4556, 11.1774, 7.4737)

Have a look what the booklet for
XYZ(15.4556, 11.1774, 7.4737)
contains.

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Color

**XYZ(15.4556, 11.1774,
7.4737)**

Conversions

Conversions Part 1

Format	Color
Hex	934748
RGB	147, 71, 72
RGB Percent	58%, 28%, 28%
CMY	0.4235, 0.7216, 0.7176
CMYK	0.00, 0.52, 0.51, 0.42
HSL	359°, 35%, 43%
HSV	359°, 52%, 58%
XYZ	15.4556, 11.1774, 7.4737
YIQ	93.8380, 44.9750, 16.4230

Conversions

Conversions Part 2

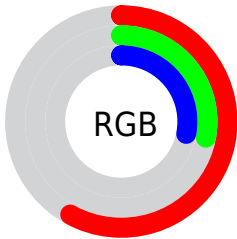
Format	Color
RYB	147, 71, 72
Decimal	9652040
CIELab	39.88, 32.06, 14.45
CIElCh	40, 35.165, 24.267
Yxy	11.1774, 0.4532, 0.3277
Android (android.graphics.Color)	4287842120 (0xFF934748)
YUV	93.8380, -10.7661, 46.6231
Hunter-Lab	33.4326, 24.0119, 10.1488

Details

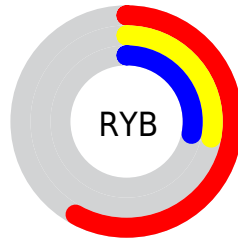
The XYZ color **15.4556, 11.1774, 7.4737** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **18.2212, 24.2827, 30.9225**, and the grayscale version is **10.6186, 11.1715, 12.1658**.

A 20% lighter version of the original color is **35.1294, 27.8682, 21.2969**, and **4.9223, 2.9378, 1.4700** is the 20% darker color. If you saturate the color by 10%, you get **14.2125, 9.3614, 4.9935**, and if you desaturate by 10%, it is **17.0371, 13.4916, 10.6179**.

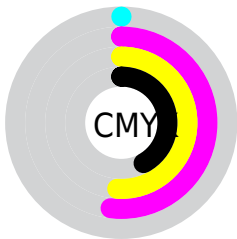
Distribution



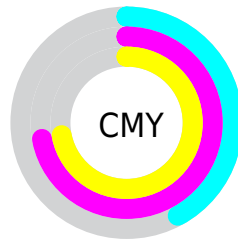
- Red (58%)
- Green (28%)
- Blue (28%)



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



- Cyan (0%)
- Magenta (52%)
- Yellow (51%)
- Black (42%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.4556, 11.1774, 7.4737 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 15.4556, 11.1774, 7.4737 by changing the saturation by 10% instead.


 15.4556, 11.1774,
7.4737


 15.4556, 11.1774,
7.4737


219.4416,
198.8806, 181.3213


 9.2281, 6.1863,
3.6772


 35.2156, 27.9877,
21.4489


 4.9486, 2.9587,
1.4500

 49.4789, 40.5758,
32.4647


 2.2516, 1.1102,
0.1802

 67.1515, 56.4649,
46.7239

 0.7697, 0.0000,
0.0000

 88.5987, 76.0395,
64.6452

 0.0000, 0.0000,
0.0000

 114.1860, 99.6840,
86.6470

144.2787,

127.7827, 113.1479

179.2421,
160.7201, 144.5665

■ 15.4556, 11.1774,
7.4737

■ 15.4556, 11.1774,
7.4737

■ 14.2125, 9.3614,
4.9935

■ 17.0371, 13.4916,
10.6179

■ 13.2824, 8.0054,
3.1292

■ 18.9784, 16.3351,
14.4685

■ 12.6378, 7.0687,
1.8272

■ 21.3000, 19.7382,
19.0650

■ 12.2457, 6.5026,
1.0241

■ 24.0206, 23.7289,
24.4437

■ 12.0432, 6.2073,
0.6187

■ 27.1577, 28.3328,
30.6388

■ 30.7279, 33.5745,
37.6822

■ 34.7466, 39.4768,
45.6042

■ 39.2288, 46.0618,
54.4337

■ 44.1885, 53.3501,
64.1982

Harmonies

Analogous

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



15.9590, 11.1774, 13.5506



15.4556, 11.1774, 7.4737



13.5796, 11.1774, 4.2411

Triad

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



15.4556, 11.1774, 7.4737



7.2765, 11.1774, 5.9286



10.1657, 11.1774, 30.8291

Complementary

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



15.4556, 11.1774, 7.4737



18.2212, 24.2827, 30.9225

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.



8.1314, 11.1774, 26.5101



15.4556, 11.1774, 7.4737



6.6338, 11.1774, 10.8870

Square

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



15.4556, 11.1774, 7.4737



8.8238, 11.1774, 3.6154



6.9212, 11.1774, 18.5102



12.6533, 11.1774, 28.8105

Rectangle

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



15.4556, 11.1774, 7.4737



11.9362, 11.1774, 3.3218



6.9212, 11.1774, 18.5102



9.4113, 11.1774, 30.0322

Sweetspot

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



15.4559, 11.1780, 7.4739



40.6701, 39.0514, 39.1359



19.3267, 12.7002, 29.0366



9.0799, 8.6150, 8.5301



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.



15.4559, 11.1780, 7.4739



25.1538, 16.3288, 8.3451



18.5049, 17.3275, 8.3312



5.8037, 5.8165, 6.0724



10.4415, 5.3817, 0.5403



0.1284, 0.0661, 0.0098

Inverse Universe

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



15.4559, 11.1780, 7.4739



25.1538, 16.3288, 8.3451



13.4703, 14.6563, 29.7228



5.8037, 5.8165, 6.0724



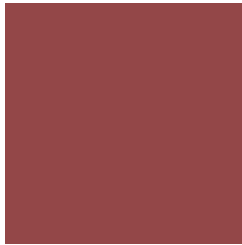
10.4415, 5.3817, 0.5403



0.1284, 0.0661, 0.0098

Previews

White Background



This preview shows how the XYZ color 15.4556, 11.1774, 7.4737 looks on a white background.

Color Contrast Check

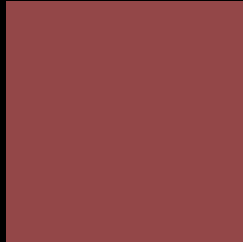
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.4556, 11.1774, 7.4737 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 15.4556, 11.1774, 7.4737

Background



This preview shows how black text looks on a background with the XYZ color 15.4556, 11.1774, 7.4737.

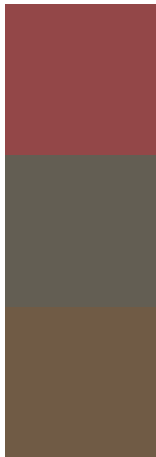


This preview shows how white text looks on a background with the XYZ color 15.4556, 11.1774,

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

15.4556, 11.1774, 7.4737

Protanopia

10.7096, 11.2826, 9.7969

Deuteranopia

11.4974, 11.3566, 7.2163



Tritanopia

15.4928, 11.0914, 7.9809

Trichromacy



Original Color

15.4556, 11.1774, 7.4737

Protanomaly

11.9415, 10.9331, 8.8780

Deuteranomaly

12.7333, 11.1428, 7.2740

Tritanomaly

15.4588, 11.0778, 7.8020

Monochromacy



Original Color

15.4556, 11.1774, 7.4737

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

11.8176, 10.8382, 10.2732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4556, 11.1774, 7.4737 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(147, 71, 72)` looks like.

```
.text, #text, p{  
    color:rgb(147, 71, 72)  
}
```

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(147, 71, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 71, 72) }
```

Border

The CSS property to change the border of an element to XYZ 15.4556, 11.1774, 7.4737 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(147, 71, 72) }
```


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

```
.border{ border-color:rgb(147, 71, 72) }
```

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

Here you see how a box with a 4 pixel rgb(147, 71, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 71, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 71, 72);  
box-shadow:4px 4px 4px 4px rgb(147, 71,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4556, 11.1774, 7.4737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 71, 72) }
```

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

```
.background{ background-color: rgb(147, 71,  
72) }
```

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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