

Converting Colors

XYZ(15.4589, 11.1358, 11.2200)

Have a look what the booklet for
XYZ(15.4589, 11.1358, 11.2200)
contains.

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Color

**XYZ(15.4693, 11.1014,
11.2250)**

Conversions

Conversions Part 1

Format	Color
Hex	8F475B
RGB	143, 71, 91
RGB Percent	56%, 28%, 36%
CMY	0.4392, 0.7216, 0.6431
CMYK	0.00, 0.50, 0.36, 0.44
HSL	343°, 34%, 42%
HSV	343°, 50%, 56%
XYZ	15.4693, 11.1014, 11.2250
YIQ	94.8080, 36.4920, 21.4840

Conversions

Conversions Part 2

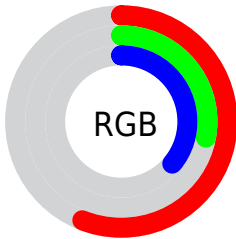
Format	Color
R_{YB}	143, 71, 91
Decimal	9389915
CIE _{Lab}	39.75, 32.69, 2.34
CIE _{LCh}	40, 32.769, 4.100
Yxy	11.1014, 0.4093, 0.2937
Android (android.graphics.Color)	4287579995 (0xFF8F475B)
YUV	94.8080, -1.8773, 42.2644
Hunter-Lab	33.3188, 24.5665, 3.3485

Details

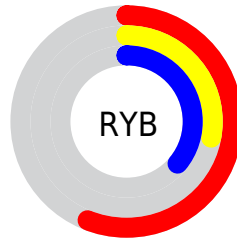
The XYZ color **15.4693, 11.1014, 11.2250** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.9967, 22.4150, 22.2235**, and the grayscale version is **10.8298, 11.3938, 12.4079**.

A 20% lighter version of the original color is **35.1983, 27.7399, 28.6985**, and **4.9965, 2.9447, 2.8898** is the 20% darker color. If you saturate the color by 10%, you get **14.2492, 9.3259, 8.7694**, and if you desaturate by 10%, it is **16.9654, 13.3306, 14.0755**.

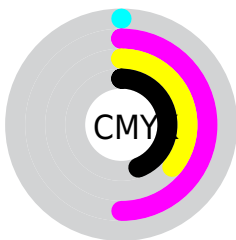
Distribution



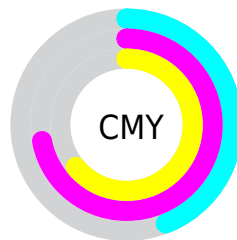
- Red (56%)
- Green (28%)
- Blue (36%)



- Red (56%)
- Yellow (28%)
- Blue (36%)



- Cyan (0%)
- Magenta (50%)
- Yellow (36%)
- Black (44%)





- Cyan (44%)
- Magenta (72%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.4693, 11.1014, 11.2250 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 15.4693, 11.1014, 11.2250 by changing the saturation by 10% instead.


 15.4693, 11.1014,
11.2250

 15.4693, 11.1014,
11.2250


219.5220,
198.3619, 209.9973


 9.2379, 6.1351,
6.1023


 35.2393, 27.8475,
28.7185


 4.9550, 2.9274,
2.8376

 49.5086, 40.3961,
41.9263


 2.2554, 1.0939,
1.0123

 67.1879, 56.2409,
58.6663

 0.7717, 0.0000,
0.0000

 88.6426, 75.7663,
79.3570

 0.0000, 0.0000,
0.0000

 114.2380, 99.3567,
104.4169

144.3394,

127.3965, 134.2645

179.3123,
160.2701, 169.3185

■ 15.4693, 11.1014,
11.2250

■ 15.4693, 11.1014,
11.2250

■ 14.2492, 9.3259,
8.7694

■ 16.9654, 13.3306,
14.0755

■ 13.2865, 7.9709,
6.6897

■ 18.7526, 16.0404,
17.3370

■ 12.5615, 7.0015,
4.9665

■ 20.8462, 19.2574,
21.0259

■ 12.0512, 6.3761,
3.5779

■ 23.2599, 23.0058,
25.1571

■ 11.7060, 5.9910,
2.5218

■ 26.0067, 27.3083,
29.7449

■ 29.0989, 32.1862,
34.8029

■ 32.5480, 37.6598,
40.3442

■ 36.3650, 43.7483,
46.3814

■ 40.5606, 50.4701,
52.9265

Harmonies

Analogous

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



14.9304, 11.1014, 18.3315



15.4693, 11.1014, 11.2250



14.5448, 11.1014, 6.3969

Triad

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



15.4693, 11.1014, 11.2250



8.3118, 11.1014, 4.4686



8.7761, 11.1014, 26.9674

Complementary

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



15.4693, 11.1014, 11.2250



15.9967, 22.4150, 22.2235

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.



7.3656, 11.1014, 20.4275



15.4693, 11.1014, 11.2250



7.1254, 11.1014, 7.4518

Square

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



15.4693, 11.1014, 11.2250



10.2459, 11.1014, 3.4744



6.8051, 11.1014, 12.9932



10.8632, 11.1014, 29.0866

Rectangle

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



15.4693, 11.1014, 11.2250



13.2905, 11.1014, 4.5843



6.8051, 11.1014, 12.9932



8.2174, 11.1014, 25.1217

Sweetspot

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



15.4696, 11.1020, 11.2252



39.4332, 37.7419, 41.2747



15.3229, 10.6717, 27.2391



8.8579, 8.3680, 9.1477



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



15.4696, 11.1020, 11.2252



25.3404, 16.4470, 15.3337



15.8414, 13.0469, 7.6452



5.4666, 5.4472, 5.9552



10.3583, 5.3003, 2.2720



0.1074, 0.0540, 0.0658

Inverse Universe

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



15.4696, 11.1020, 11.2252



25.3404, 16.4470, 15.3337



15.1981, 18.6055, 28.7770



5.4666, 5.4472, 5.9552



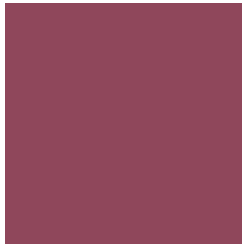
10.3583, 5.3003, 2.2720



0.1074, 0.0540, 0.0658

Previews

White Background



This preview shows how the XYZ color 15.4693, 11.1014, 11.2250 looks on a white background.

Color Contrast Check

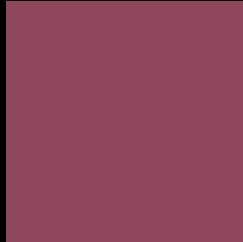
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.4693, 11.1014, 11.2250 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 15.4693, 11.1014, 11.2250

Background



This preview shows how black text looks on a background with the XYZ color 15.4693, 11.1014, 11.2250.



This preview shows how white text looks on a background with the XYZ color 15.4693, 11.1014,

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

15.4693, 11.1014, 11.2250

Protanopia

11.0156, 11.3320, 14.7034

Deuteranopia

11.4464, 11.2509, 10.8009



Tritanopia

14.9492, 11.0804, 8.7480

Trichromacy



Original Color

15.4693, 11.1014, 11.2250

Protanomaly

12.1355, 10.9359, 13.2756

Deuteranomaly

12.5812, 10.9839, 10.9082

Tritanomaly

15.0340, 11.0100, 9.5164

Monochromacy



Original Color

15.4693, 11.1014, 11.2250

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

12.0303, 10.9085, 12.0612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4693, 11.1014, 11.2250 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(143, 71, 91)` looks like.

```
.text, #text, p{  
    color:rgb(143, 71, 91)  
}
```

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(143, 71, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 71, 91) }
```

Border

The CSS property to change the border of an element to XYZ 15.4693, 11.1014, 11.2250 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(143, 71, 91) }
```


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

```
.border{ border-color:rgb(143, 71, 91) }
```

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

Here you see how a box with a 4 pixel rgb(143, 71, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 71, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 71, 91);  
box-shadow:4px 4px 4px 4px rgb(143, 71,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4693, 11.1014, 11.2250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 71, 91) }
```

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

```
.background{ background-color: rgb(143, 71,  
91) }
```

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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