

Converting Colors

XYZ(15.7105, 11.4630, 12.3971)

Have a look what the booklet for
XYZ(15.7105, 11.4630, 12.3971)
contains.

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Color

**XYZ(15.7154, 11.4929,
12.4564)**

Conversions

Conversions Part 1

Format	Color
Hex	8E4A60
RGB	142, 74, 96
RGB Percent	56%, 29%, 38%
CMY	0.4431, 0.7098, 0.6235
CMYK	0.00, 0.48, 0.32, 0.44
HSL	341°, 31%, 42%
HSV	341°, 48%, 56%
XYZ	15.7154, 11.4929, 12.4564
YIQ	96.8400, 33.4660, 21.2580

Conversions

Conversions Part 2

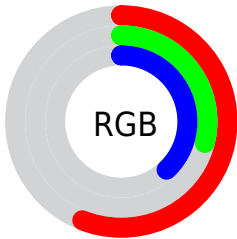
Format	Color
R_{YB}	142, 74, 96
Decimal	9325152
CIE _{Lab}	40.40, 31.33, 0.15
CIE _{LCh}	40, 31.334, 0.272
Yxy	11.4929, 0.3962, 0.2898
Android (android.graphics.Color)	4287515232 (0xFF8E4A60)
YUV	96.8400, -0.4141, 39.6053
Hunter-Lab	33.9012, 23.4193, 1.9457

Details

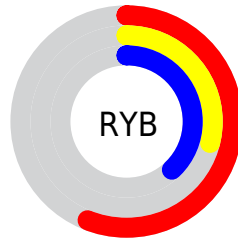
The XYZ color **15.7154, 11.4929, 12.4564** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.8878, 22.1581, 21.2101**, and the grayscale version is **11.3186, 11.9081, 12.9679**.

A 20% lighter version of the original color is **35.6847, 28.4964, 30.8137**, and **5.0649, 3.0929, 3.3477** is the 20% darker color. If you saturate the color by 10%, you get **14.4566, 9.6403, 9.9864**, and if you desaturate by 10%, it is **17.2429, 13.7963, 15.2829**.

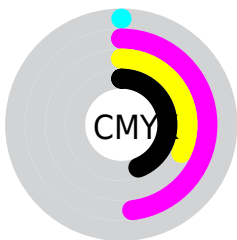
Distribution



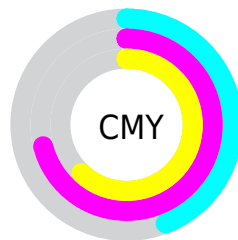
- Red (56%)
- Green (29%)
- Blue (38%)



- Red (56%)
- Yellow (29%)
- Blue (38%)



- Cyan (0%)
- Magenta (48%)
- Yellow (32%)
- Black (44%)



- Cyan (44%)
- Magenta (71%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7154, 11.4929, 12.4564 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 15.7154, 11.4929, 12.4564 by changing the saturation by 10% instead.

15.7154, 11.4929,
12.4564

15.7154, 11.4929,
12.4564

220.9600,
201.0186, 218.4879

9.4126, 6.3994,
6.9290

35.6649, 28.5681,
31.0004

5.0705, 3.0894,
3.3400

50.0422, 41.3186,
44.8541

2.3239, 1.1786,
1.2707

67.8417, 57.3902,
62.3203

0.8068, 0.0441,
0.0376

89.4288, 77.1673,
83.8175

0.0000, 0.0000,
0.0000

115.1689,
101.0343, 109.7644

145.4272,

129.3756, 140.5794

180.5691,
162.5755, 176.6810

■ 15.7154, 11.4929,
12.4564

■ 15.7154, 11.4929,
12.4564

■ 14.4566, 9.6403,
9.9864

■ 17.2429, 13.7963,
15.2829

■ 13.4490, 8.2068,
7.8572

■ 19.0533, 16.5759,
18.4793

■ 12.6745, 7.1594,
6.0527

■ 21.1608, 19.8574,
22.0593

■ 12.1119, 6.4592,
4.5549

■ 23.5782, 23.6640,
26.0353

■ 11.7208, 6.0291,
3.3389

■ 26.3179, 28.0175,
30.4194

■ 11.6472, 5.9475,
3.1123

■ 29.3913, 32.9385,
35.2231

■ 32.8094, 38.4464,
40.4573

■ 36.5826, 44.5598,
46.1327

■ 40.7209, 51.2964,
52.2595

Harmonies

Analogous

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



15.0176, 11.4929, 19.5221



15.7154, 11.4929, 12.4564



14.9928, 11.4929, 7.3525

Triad

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



15.7154, 11.4929, 12.4564



8.9297, 11.4929, 4.7040



8.9601, 11.4929, 26.2326

Complementary

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



15.7154, 11.4929, 12.4564



15.8878, 22.1581, 21.2101

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.



7.6667, 11.4929, 19.6564



15.7154, 11.4929, 12.4564



7.6508, 11.4929, 7.4226

Square

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



15.7154, 11.4929, 12.4564



10.9036, 11.4929, 3.8962



7.2208, 11.4929, 12.5714



10.9437, 11.4929, 28.9275

Rectangle

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



15.7154, 11.4929, 12.4564



13.8519, 11.4929, 5.3253



7.2208, 11.4929, 12.5714



8.4402, 11.4929, 24.3138

Sweetspot

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



15.7157, 11.4935, 12.4566



38.7829, 37.3202, 41.3374



14.9853, 10.7968, 26.8853



8.4858, 8.0584, 8.9405



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



15.7157, 11.4935, 12.4566



25.4332, 16.9133, 17.4886



15.6666, 12.7954, 8.1234



5.4763, 5.4511, 6.0063



10.4652, 5.3431, 2.8351



0.1093, 0.0548, 0.0759

Inverse Universe

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



15.7157, 11.4935, 12.4566



25.4332, 16.9133, 17.4886



15.7785, 19.5524, 28.5335



5.4763, 5.4511, 6.0063



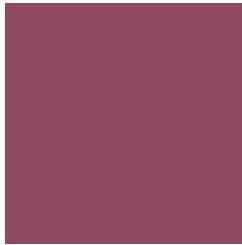
10.4652, 5.3431, 2.8351



0.1093, 0.0548, 0.0759

Previews

White Background



This preview shows how the XYZ color 15.7154, 11.4929, 12.4564 looks on a white background.

Color Contrast Check

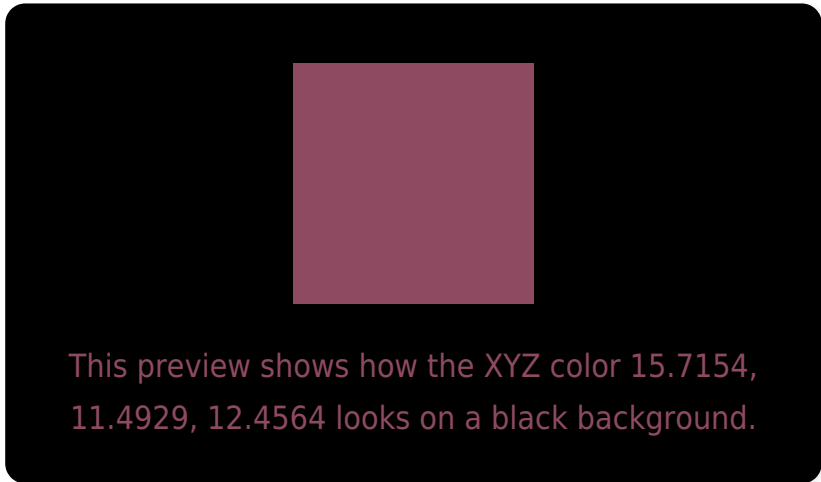
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 15.7154, 11.4929, 12.4564

Background



This preview shows how black text looks on a background with the XYZ color 15.7154, 11.4929, 12.4564.



This preview shows how white text looks on a background with the XYZ color 15.7154, 11.4929,

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

15.7154, 11.4929, 12.4564

Protanopia

11.4686, 11.6682, 16.1157

Deuteranopia

11.8340, 11.6832, 11.9873



Tritanopia

15.1614, 11.5797, 9.4187

Trichromacy



Original Color

15.7154, 11.4929, 12.4564

Protanomaly

12.4624, 11.1954, 14.6008

Deuteranomaly

12.9559, 11.3857, 12.1045

Tritanomaly

15.2892, 11.5197, 10.4345

Monochromacy



Original Color

15.7154, 11.4929, 12.4564

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

12.5401, 11.5185, 12.8716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7154, 11.4929, 12.4564 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(142, 74, 96)` looks like.

```
.text, #text, p{  
    color:rgb(142, 74, 96)  
}
```

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(142, 74, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 74, 96) }
```

Border

The CSS property to change the border of an element to XYZ 15.7154, 11.4929, 12.4564 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(142, 74, 96) }
```


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

```
.border{ border-color:rgb(142, 74, 96) }
```

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

Here you see how a box with a 4 pixel rgb(142, 74, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 74, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 74, 96);  
box-shadow:4px 4px 4px 4px rgb(142, 74,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7154, 11.4929, 12.4564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 74, 96) }
```

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

```
.background{ background-color: rgb(142, 74,  
96) }
```

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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