

Converting Colors

XYZ(15.3857, 11.6185, 13.4447)

Have a look what the booklet for
XYZ(15.3857, 11.6185, 13.4447)
contains.

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Color

**XYZ(15.4354, 11.6311,
13.4881)**

Conversions

Conversions Part 1

Format	Color
Hex	8A4D64
RGB	138, 77, 100
RGB Percent	54%, 30%, 39%
CMY	0.4588, 0.6980, 0.6078
CMYK	0.00, 0.44, 0.28, 0.46
HSL	337°, 28%, 42%
HSV	337°, 44%, 54%
XYZ	15.4354, 11.6311, 13.4881
YIQ	97.8610, 28.9730, 20.0850

Conversions

Conversions Part 2

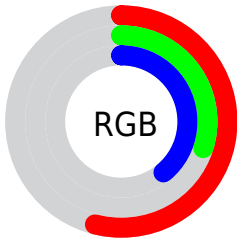
Format	Color
R_{YB}	138, 77, 100
Decimal	9063780
CIE Lab	40.62, 28.72, -2.07
CIE LCh	41, 28.798, 355.873
Yxy	11.6311, 0.3806, 0.2868
Android (android.graphics.Color)	4287253860 (0xFF8A4D64)
YUV	97.8610, 1.0545, 35.2019
Hunter-Lab	34.1044, 21.1051, 0.4242

Details

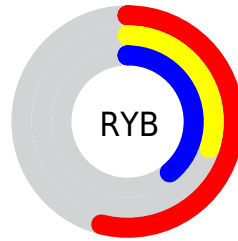
The XYZ color **15.4354, 11.6311, 13.4881** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.2441, 20.9929, 19.4693**, and the grayscale version is **11.5676, 12.1700, 13.2532**.

A 20% lighter version of the original color is **35.1676, 28.7506, 32.9740**, and **4.9446, 3.1640, 3.7183** is the 20% darker color. If you saturate the color by 10%, you get **14.1759, 9.7432, 11.1225**, and if you desaturate by 10%, it is **16.9443, 13.9474, 16.1538**.

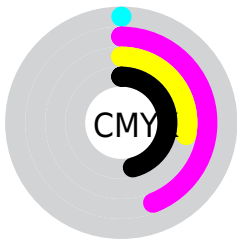
Distribution



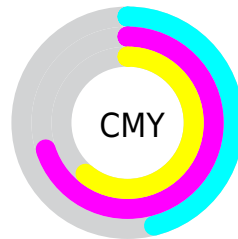
- Red (54%)
- Green (30%)
- Blue (39%)



- Red (54%)
- Yellow (30%)
- Blue (39%)



- Cyan (0%)
- Magenta (44%)
- Yellow (28%)
- Black (46%)





- Cyan (46%)
- Magenta (70%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.4354, 11.6311, 13.4881 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 15.4354, 11.6311, 13.4881 by changing the saturation by 10% instead.


 15.4354, 11.6311,
13.4881


 15.4354, 11.6311,
13.4881


219.3232,
201.9475, 225.3392


 9.2138, 6.4930,
7.6308


 35.1806, 28.8214,
32.8819


 4.9391, 3.1471,
3.7753

 49.4350, 41.6424,
47.2555


 2.2460, 1.2090,
1.5029

 67.0977, 57.7932,
65.3050

 0.7668, 0.0690,
0.2201

 88.5340, 77.6582,
87.4488

 0.0000, 0.0000,
0.0000

 114.1094,
101.6217, 114.1057

144.1891,

130.0682, 145.6940

179.1386,
163.3820, 182.6323

■ 15.4354, 11.6311,
13.4881

■ 15.4354, 11.6311,
13.4881

■ 14.1759, 9.7432,
11.1225

■ 16.9443, 13.9474,
16.1538

■ 13.1505, 8.2554,
9.0448

■ 18.7150, 16.7148,
19.1297

■ 12.3434, 7.1384,
7.2429


■ 20.7599, 19.9564,
22.4262


■ 11.7365, 6.3584,
5.7032


■ 23.0905, 23.6932,
26.0531


■ 11.3071, 5.8726,
4.4104


■ 25.7177, 27.9450,
30.0196

 11.1018, 5.6515,
3.7580

 28.6516, 32.7303,
34.3347

 31.9019, 38.0670,
39.0069

 35.4781, 43.9718,
44.0444

 39.3888, 50.4611,
49.4552

Harmonies

Analogous

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



14.6210, 11.6311, 20.0497



15.4354, 11.6311, 13.4881



14.9630, 11.6311, 8.3763

Triad

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



15.4354, 11.6311, 13.4881



9.4338, 11.6311, 5.0201



9.0017, 11.6311, 24.3911

Complementary

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



15.4354, 11.6311, 13.4881



15.2441, 20.9929, 19.4693

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.



7.8946, 11.6311, 18.2113



15.4354, 11.6311, 13.4881



8.1218, 11.6311, 7.3599

Square

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



15.4354, 11.6311, 13.4881



11.3390, 11.6311, 4.4525



7.5933, 11.6311, 11.8747



10.7758, 11.6311, 27.4536

Rectangle

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



15.4354, 11.6311, 13.4881



14.0095, 11.6311, 6.2030



7.5933, 11.6311, 11.8747



8.5481, 11.6311, 22.5322

Sweetspot

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



15.4357, 11.6317, 13.4883



36.9503, 35.7472, 40.0951



14.2617, 10.7622, 25.3706



8.1190, 7.7488, 8.7259



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



15.4357, 11.6317, 13.4883



25.0009, 17.1941, 19.6317



15.0006, 12.2984, 8.6050



5.1058, 5.0778, 5.6456



10.1854, 5.1843, 3.4806



0.0744, 0.0371, 0.0585

Inverse Universe

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



15.4357, 11.6317, 13.4883



25.0009, 17.1941, 19.6317



15.7491, 19.6144, 27.0009



5.1058, 5.0778, 5.6456



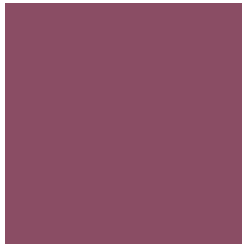
10.1854, 5.1843, 3.4806



0.0744, 0.0371, 0.0585

Previews

White Background



This preview shows how the XYZ color 15.4354, 11.6311, 13.4881 looks on a white background.

Color Contrast Check

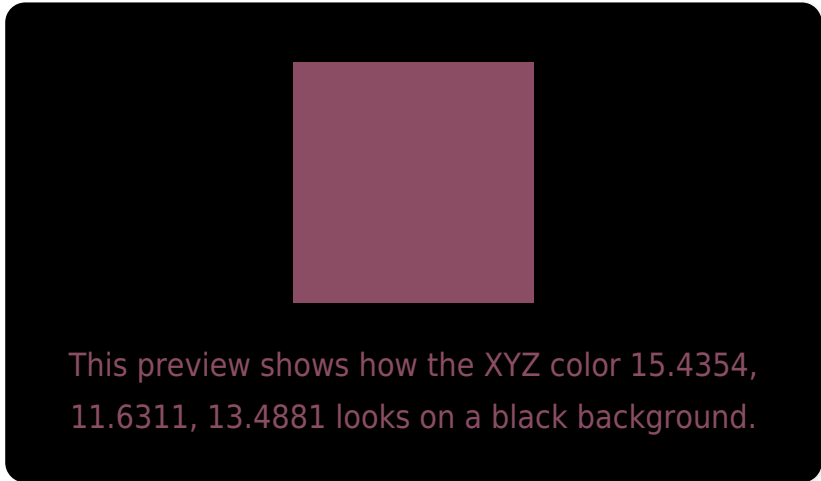
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.4354, 11.6311, 13.4881

Background



This preview shows how black text looks on a background with the XYZ color 15.4354, 11.6311, 13.4881.



This preview shows how white text looks on a background with the XYZ color 15.4354, 11.6311,

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

15.4354, 11.6311, 13.4881

Protanopia

11.4757, 11.6593, 16.6846

Deuteranopia

11.8977, 11.6950, 12.9395



Tritanopia

14.8649, 11.7276, 10.2843

Trichromacy



Original Color

15.4354, 11.6311, 13.4881

Protanomaly

12.4502, 11.2922, 15.4333

Deuteranomaly

12.9489, 11.4801, 13.0887

Tritanomaly

15.0008, 11.6657, 11.3586

Monochromacy



Original Color

15.4354, 11.6311, 13.4881

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

12.7183, 11.7239, 13.3970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4354, 11.6311, 13.4881 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(138, 77, 100)` looks like.

```
.text, #text, p{  
    color:rgb(138, 77, 100)  
}
```

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(138, 77, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 77, 100) }
```

Border

The CSS property to change the border of an element to XYZ 15.4354, 11.6311, 13.4881 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(138, 77, 100) }
```


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

```
.border{ border-color:rgb(138, 77, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 77, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 77, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 77, 100);  
box-shadow:4px 4px 4px 4px rgb(138, 77,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4354, 11.6311, 13.4881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 77, 100) }
```

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

```
.background{ background-color: rgb(138, 77,  
100) }
```

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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