

Converting Colors

XYZ(15.6145, 11.7611, 11.8035)

Have a look what the booklet for
XYZ(15.6145, 11.7611, 11.8035)
contains.

XYZ(15.6142, 11.7608, 11.8030)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.6142, 11.7608,
11.8030)**

Conversions

Conversions Part 1

Format	Color
Hex	8D4D5D
RGB	141, 77, 93
RGB Percent	55%, 30%, 36%
CMY	0.4471, 0.6980, 0.6353
CMYK	0.00, 0.45, 0.34, 0.45
HSL	345°, 29%, 43%
HSV	345°, 45%, 55%
XYZ	15.6142, 11.7608, 11.8030
YIQ	97.9600, 33.0080, 18.5440

Conversions

Conversions Part 2

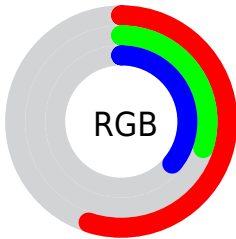
Format	Color
RYB	141, 77, 93
Decimal	9260381
CIELab	40.83, 28.87, 2.63
CIElCh	41, 28.988, 5.199
Yxy	11.7608, 0.3985, 0.3002
Android (android.graphics.Color)	4287450461 (0xFF8D4D5D)
YUV	97.9600, -2.4453, 37.7461
Hunter-Lab	34.2940, 21.2572, 3.5999

Details

The XYZ color **15.6142, 11.7608, 11.8030** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.2877, 22.1086, 22.8123**, and the grayscale version is **11.6000, 12.2041, 13.2902**.

A 20% lighter version of the original color is **35.3122, 28.8977, 29.7033**, and **5.0019, 3.2085, 3.0450** is the 20% darker color. If you saturate the color by 10%, you get **14.2960, 9.8228, 9.2102**, and if you desaturate by 10%, it is **17.2117, 14.1536, 14.8088**.

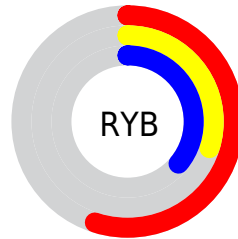
Distribution



Red (55%)

Green (30%)

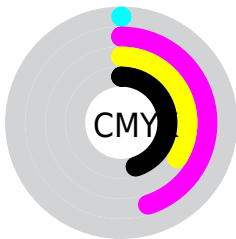
Blue (36%)



Red (55%)

Yellow (30%)

Blue (36%)

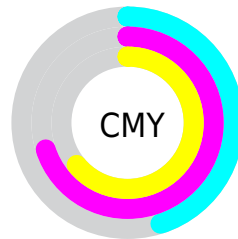


Cyan (0%)

Magenta (45%)

Yellow (34%)

Black (45%)



Cyan (45%)

Magenta (70%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6142, 11.7608, 11.8030 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 15.6142, 11.7608, 11.8030 by changing the saturation by 10% instead.

■ 15.6142, 11.7608,
11.8030

■ 15.6142, 11.7608,
11.8030

220.3697,
202.8152, 214.0281

■ 9.3407, 6.5810,
6.4888

■ 35.4900, 29.0587,
29.7948

■ 5.0229, 3.2015,
3.0709

■ 49.8230, 41.9456,
43.3095

■ 2.2956, 1.2378,
1.1310

■ 67.5732, 58.1703,
60.3947

■ 0.7924, 0.0923,
0.0000

■ 89.1060, 78.1173,
81.4690

■ 0.0000, 0.0000,
0.0000

■ 114.7867,
102.1709, 106.9510

144.9806,

130.7154, 137.2591

180.0532,
164.1354, 172.8120

■ 15.6142, 11.7608,
11.8030

■ 15.6142, 11.7608,
11.8030

■ 14.2960, 9.8228,
9.2102

■ 17.2117, 14.1536,
14.8088

■ 13.2395, 8.3089,
7.0111

■ 19.1029, 17.0259,
18.2444

■ 12.4266, 7.1873,
5.1860

■ 21.3019, 20.4026,
22.1262

■ 11.8364, 6.4210,
3.7127

■ 23.8221, 24.3065,
26.4697

■ 11.4402, 5.9580,
2.5655

■ 26.6757, 28.7589,
31.2896

■ 11.2916, 5.7856,
2.1308

■ 29.8746, 33.7799,
36.6001

■ 33.4298, 39.3887,
42.4144

■ 37.3519, 45.6034,
48.7457

■ 41.6513, 52.4416,
55.6062

Harmonies

Analogous

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



15.1813, 11.7608, 18.1886



15.6142, 11.7608, 11.8030



14.7446, 11.7608, 7.3082

Triad

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



15.6142, 11.7608, 11.8030



9.0434, 11.7608, 5.5829



9.5950, 11.7608, 26.1406

Complementary

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



15.6142, 11.7608, 11.8030



16.2877, 22.1086, 22.8123

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.



8.2391, 11.7608, 20.5370



15.6142, 11.7608, 11.8030



7.9491, 11.7608, 8.6055

Square

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



15.6142, 11.7608, 11.8030



10.8225, 11.7608, 4.4945



7.6738, 11.7608, 13.8632



11.5418, 11.7608, 27.7853

Rectangle

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



15.6142, 11.7608, 11.8030



13.5994, 11.7608, 5.5568



7.6738, 11.7608, 13.8632



9.0630, 11.7608, 24.5880

Sweetspot

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



15.6145, 11.7614, 11.8032



38.6105, 37.2512, 40.4293



15.9195, 11.5915, 26.5978



8.4430, 8.0413, 8.7149



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.



15.6145, 11.7614, 11.8032



25.6505, 17.6619, 16.5924



16.2389, 14.0279, 8.8737



5.4607, 5.4448, 5.9243



10.3014, 5.2776, 1.9727



0.1062, 0.0536, 0.0596

Inverse Universe

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



15.6145, 11.7614, 11.8032



25.6505, 17.6619, 16.5924



15.2024, 18.1686, 27.9051



5.4607, 5.4448, 5.9243



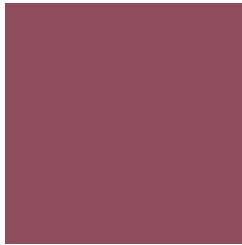
10.3014, 5.2776, 1.9727



0.1062, 0.0536, 0.0596

Previews

White Background



This preview shows how the XYZ color 15.6142, 11.7608, 11.8030 looks on a white background.

Color Contrast Check

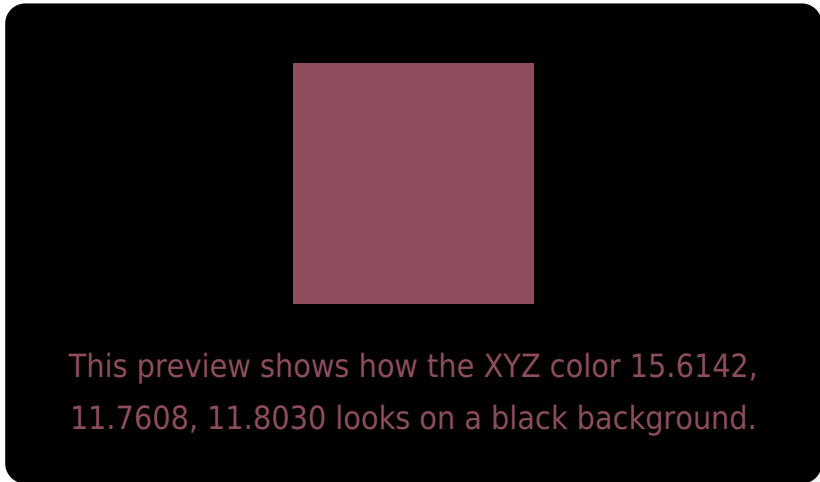
Large Text (above 18pt) WCAG AA ✓ Pass

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

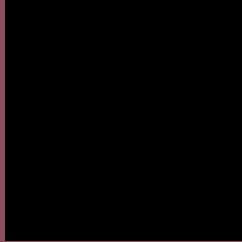
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.6142, 11.7608, 11.8030

Background



This preview shows how black text looks on a background with the XYZ color 15.6142, 11.7608, 11.8030.



This preview shows how white text looks on a background with the XYZ color 15.6142, 11.7608,

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

15.6142, 11.7608, 11.8030

Protanopia

11.5054, 11.8520, 14.7780

Deuteranopia

12.0665, 11.8181, 11.3180



Tritanopia

15.2114, 11.8075, 9.8649

Trichromacy



Original Color

15.6142, 11.7608, 11.8030

Protanomaly

12.5547, 11.5096, 13.6165

Deuteranomaly

13.1817, 11.6367, 11.4489

Tritanomaly

15.2599, 11.7123, 10.4732

Monochromacy



Original Color

15.6142, 11.7608, 11.8030

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

12.7069, 11.7343, 12.6615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6142, 11.7608, 11.8030 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(141, 77, 93)` looks like.

```
.text, #text, p{  
    color:rgb(141, 77, 93)  
}
```

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(141, 77, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 77, 93) }
```

Border

The CSS property to change the border of an element to XYZ 15.6142, 11.7608, 11.8030 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(141, 77, 93) }
```


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

```
.border{ border-color:rgb(141, 77, 93) }
```

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

Here you see how a box with a 4 pixel rgb(141, 77, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 77, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 77, 93);  
box-shadow:4px 4px 4px 4px rgb(141, 77,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6142, 11.7608, 11.8030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 77, 93) }
```

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

```
.background{ background-color: rgb(141, 77,  
93) }
```

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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