

Converting Colors

XYZ(15.5908, 11.0226, 13.9523)

Have a look what the booklet for
XYZ(15.5908, 11.0226, 13.9523)
contains.

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Color

**XYZ(15.5729, 11.0023,
13.8733)**

Conversions

Conversions Part 1

Format	Color
Hex	8D4666
RGB	141, 70, 102
RGB Percent	55%, 27%, 40%
CMY	0.4471, 0.7255, 0.6000
CMYK	0.00, 0.50, 0.28, 0.45
HSL	333°, 34%, 41%
HSV	333°, 50%, 55%
XYZ	15.5729, 11.0023, 13.8733
YIQ	94.8770, 32.0440, 25.0040

Conversions

Conversions Part 2

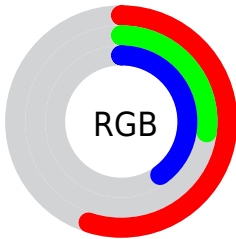
Format	Color
R_{YB}	141, 70, 102
Decimal	9258598
CIE _{Lab}	39.58, 34.01, -4.80
CIE _{LCh}	40, 34.349, 351.959
Yxy	11.0023, 0.3850, 0.2720
Android (android.graphics.Color)	4287448678 (0xFF8D4666)
YUV	94.8770, 3.5116, 40.4499
Hunter-Lab	33.1697, 25.7572, -1.5794

Details

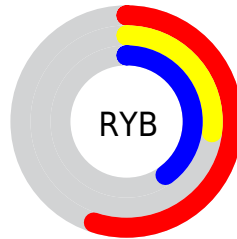
The XYZ color **15.5729, 11.0023, 13.8733** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **14.8114, 21.4562, 17.8297**, and the grayscale version is **10.8346, 11.3988, 12.4133**.

A 20% lighter version of the original color is **35.3521, 27.7104, 33.6224**, and **4.9823, 2.8869, 3.9091** is the 20% darker color. If you saturate the color by 10%, you get **14.4259, 9.2945, 11.6835**, and if you desaturate by 10%, it is **16.9636, 13.1398, 16.3216**.

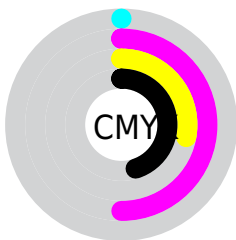
Distribution



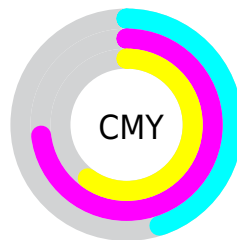
- Red (55%)
- Green (27%)
- Blue (40%)



- Red (55%)
- Yellow (27%)
- Blue (40%)



- Cyan (0%)
- Magenta (50%)
- Yellow (28%)
- Black (45%)



- Cyan (45%)
- Magenta (73%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5729, 11.0023, 13.8733 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 15.5729, 11.0023, 13.8733 by changing the saturation by 10% instead.

■ 15.5729, 11.0023,
13.8733

■ 15.5729, 11.0023,
13.8733

220.1284,
197.6833, 227.8422

■ 9.3114, 6.0684,
7.8949

■ 35.4186, 27.6644,
33.5779

■ 5.0036, 2.8867,
3.9409

■ 49.7335, 40.1614,
48.1412

■ 2.2841, 1.0729,
1.5930

■ 67.4635, 55.9482,
66.4032

■ 0.7865, 0.0000,
0.2858

■ 88.9740, 75.4092,
88.7823

■ 0.0000, 0.0000,
0.0000

■ 114.6304, 98.9289,
115.6973

144.7981,

126.8915, 147.5665

179.8423,
159.6815, 184.8087

■ 15.5729, 11.0023,
13.8733

■ 15.5729, 11.0023,
13.8733

■ 14.4259, 9.2945,
11.6835

■ 16.9636, 13.1398,
16.3216

■ 13.5059, 7.9849,
9.7416

■ 18.6112, 15.7322,
19.0372

■ 12.7955, 7.0403,
8.0368

■ 20.5291, 18.8050,
22.0291

■ 12.2742, 6.4214,
6.5570

■ 22.7295, 22.3809,
25.3058

■ 11.8971, 6.0277,
5.3195

■ 25.2238, 26.4815,
28.8751

■ 28.0228, 31.1269,
32.7447

■ 31.1367, 36.3363,
36.9220

■ 34.5751, 42.1279,
41.4139

■ 38.3474, 48.5190,
46.2273

Harmonies

Analogous

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



14.4146, 11.0023, 21.7994



15.5729, 11.0023, 13.8733



15.2079, 11.0023, 7.7796

Triad

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



15.5729, 11.0023, 13.8733



8.8640, 11.0023, 3.5643



7.9234, 11.0023, 25.2573

Complementary

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



15.5729, 11.0023, 13.8733



14.8114, 21.4562, 17.8297

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.



6.8161, 11.0023, 17.4708



15.5729, 11.0023, 13.8733



7.3000, 11.0023, 5.6661

Square

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



15.5729, 11.0023, 13.8733



11.0992, 11.0023, 3.2162



6.6062, 11.0023, 10.2666



9.8407, 11.0023, 29.7958

Rectangle

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



15.5729, 11.0023, 13.8733



14.1712, 11.0023, 5.2664



6.6062, 11.0023, 10.2666



7.4567, 11.0023, 22.8204

Sweetspot

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



15.5732, 11.0028, 13.8735



38.6819, 36.7829, 42.3377



13.1665, 9.4838, 26.3359



8.4792, 7.9550, 9.2162



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.



15.5732, 11.0028, 13.8735



25.6637, 16.3964, 20.5798



14.4315, 10.7877, 7.1166



5.5036, 5.4620, 6.1499



10.8557, 5.4993, 4.8915



0.1146, 0.0569, 0.1039

Inverse Universe

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



15.5732, 11.0028, 13.8735



25.6637, 16.3964, 20.5798



16.5134, 21.5846, 28.4952



5.5036, 5.4620, 6.1499



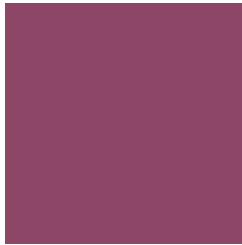
10.8557, 5.4993, 4.8915



0.1146, 0.0569, 0.1039

Previews

White Background



This preview shows how the XYZ color 15.5729, 11.0023, 13.8733 looks on a white background.

Color Contrast Check

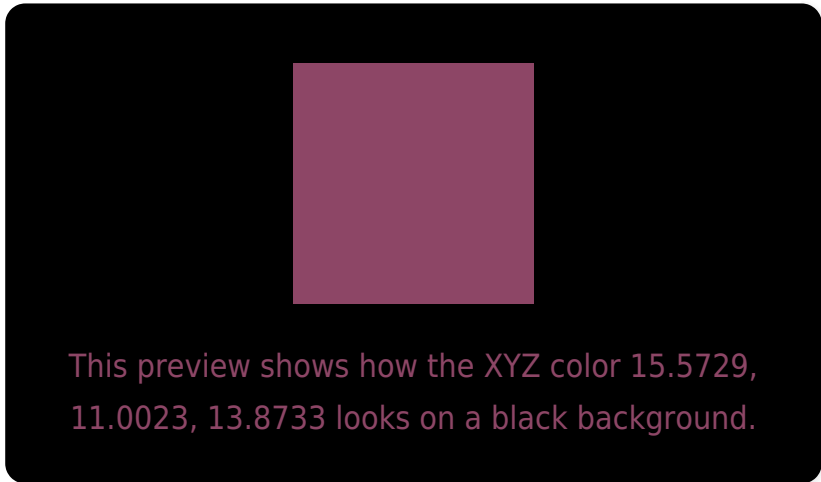
Large Text (above 18pt) WCAG AA ✓ Pass

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

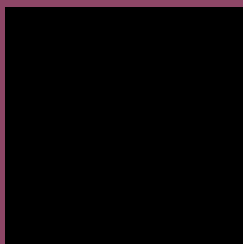
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.5729, 11.0023, 13.8733

Background



This preview shows how black text looks on a background with the XYZ color 15.5729, 11.0023, 13.8733.

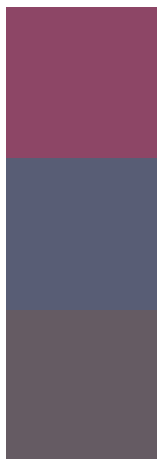


This preview shows how white text looks on a background with the XYZ color 15.5729, 11.0023,

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

15.5729, 11.0023, 13.8733

Protanopia

11.1497, 11.1878, 18.4014

Deuteranopia

11.3600, 11.1497, 13.3578



Tritanopia

14.5442, 10.9657, 8.9394

Trichromacy



Original Color

15.5729, 11.0023, 13.8733

Protanomaly

12.2365, 10.7927, 16.7675

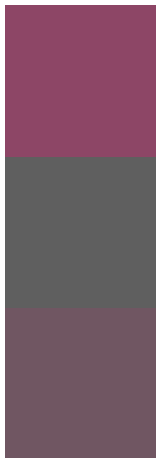
Deuteranomaly

12.5960, 10.8196, 13.4811

Tritanomaly

14.9592, 11.0451, 10.5760

Monochromacy



Original Color

15.5729, 11.0023, 13.8733

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

12.2145, 10.9822, 13.0313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5729, 11.0023, 13.8733 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, 70, 102)` looks like.

```
.text, #text, p{  
    color:rgb(141, 70, 102)  
}
```

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, 70, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 70, 102) }
```

Border

The CSS property to change the border of an element to XYZ 15.5729, 11.0023, 13.8733 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, 70, 102) }
```


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

```
.border{ border-color:rgb(141, 70, 102) }
```

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

Here you see how a box with a 4 pixel rgb(141, 70, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 70, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 70, 102);  
box-shadow:4px 4px 4px 4px rgb(141, 70,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5729, 11.0023, 13.8733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 70, 102) }
```

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

```
.background{ background-color: rgb(141, 70,  
102) }
```

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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