

Converting Colors

XYZ(15.2424, 11.8417, 10.5535)

Have a look what the booklet for
XYZ(15.2424, 11.8417, 10.5535)
contains.

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Color

**XYZ(15.1637, 11.7691,
10.4893)**

Conversions

Conversions Part 1

Format	Color
Hex	8B4F57
RGB	139, 79, 87
RGB Percent	55%, 31%, 34%
CMY	0.4549, 0.6902, 0.6588
CMYK	0.00, 0.43, 0.37, 0.45
HSL	352°, 28%, 43%
HSV	352°, 43%, 55%
XYZ	15.1637, 11.7691, 10.4893
YIQ	97.8520, 33.1920, 15.2080

Conversions

Conversions Part 2

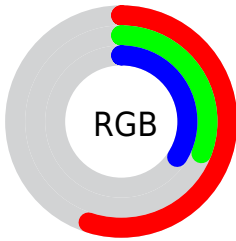
Format	Color
R_{YB}	139, 79, 87
Decimal	9129815
CIE Lab	40.85, 26.15, 6.33
CIE LCh	41, 26.906, 13.603
Yxy	11.7691, 0.4052, 0.3145
Android (android.graphics.Color)	4287319895 (0xFF8B4F57)
YUV	97.8520, -5.3500, 36.0868
Hunter-Lab	34.3061, 18.8633, 5.8860

Details

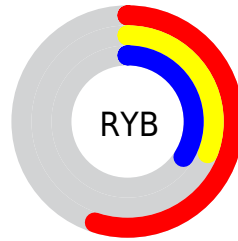
The XYZ color **15.1637, 11.7691, 10.4893** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.5543, 21.7663, 24.8027**, and the grayscale version is **11.5801, 12.1832, 13.2675**.

A 20% lighter version of the original color is **34.6137, 28.9760, 27.4355**, and **4.7722, 3.1786, 2.5525** is the 20% darker color. If you saturate the color by 10%, you get **13.8121, 9.7889, 7.8097**, and if you desaturate by 10%, it is **16.8078, 14.2027, 13.6720**.

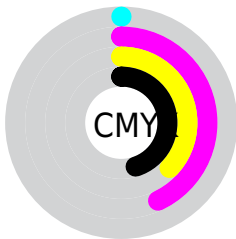
Distribution



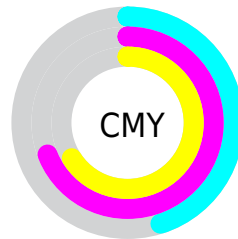
- Red (55%)
- Green (31%)
- Blue (34%)



- Red (55%)
- Yellow (31%)
- Blue (34%)



- Cyan (0%)
- Magenta (43%)
- Yellow (37%)
- Black (45%)



- Cyan (45%)
- Magenta (69%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1637, 11.7691, 10.4893 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 15.1637, 11.7691, 10.4893 by changing the saturation by 10% instead.

■ 15.1637, 11.7691,
10.4893

■ 15.1637, 11.7691,
10.4893

217.7237,
202.8706, 204.7396

■ 9.0214, 6.5867,
5.6147

■ 34.7094, 29.0739,
27.3339

■ 4.8124, 3.2050,
2.5473

■ 48.8435, 41.9650,
40.1411

■ 2.1712, 1.2397,
0.8651

■ 66.3723, 58.1944,
56.4295

■ 0.7275, 0.0937,
0.0000

■ 87.6612, 78.1466,
76.6177

■ 0.0000, 0.0000,
0.0000

■ 113.0753,
102.2059, 101.1243

142.9803,

130.7568, 130.3678

177.7413,
164.1835, 164.7667

■ 15.1637, 11.7691,
10.4893

■ 15.1637, 11.7691,
10.4893

■ 13.8121, 9.7889,
7.8097

■ 16.8078, 14.2027,
13.6720

■ 12.7347, 8.2323,
5.6067

■ 18.7592, 17.1134,
17.3810

■ 11.9129, 7.0689,
3.8522


■ 21.0330, 20.5256,
21.6391


■ 11.3250, 6.2632,
2.5151


■ 23.6428, 24.4613,
26.4673


■ 10.9456, 5.7733,
1.5601


■ 26.6017, 28.9414,
31.8858

 10.7609, 5.5343,
1.0961

 29.9218, 33.9854,
37.9134

 33.6148, 39.6120,
44.5685

 37.6919, 45.8391,
51.8684

 42.1637, 52.6836,
59.8299

Harmonies

Analogous

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



15.1068, 11.7691, 16.0307



15.1637, 11.7691, 10.4893



14.0725, 11.7691, 6.8272

Triad

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



15.1637, 11.7691, 10.4893



8.8324, 11.7691, 6.5908



10.1778, 11.7691, 25.8393

Complementary

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



15.1637, 11.7691, 10.4893



16.5543, 21.7663, 24.8027

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.



8.7243, 11.7691, 21.5578



15.1637, 11.7691, 10.4893



8.0104, 11.7691, 10.0602

Square

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



15.1637, 11.7691, 10.4893



10.3417, 11.7691, 5.0505



7.9732, 11.7691, 15.4603



12.0754, 11.7691, 26.0525

Rectangle

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



15.1637, 11.7691, 10.4893



12.9058, 11.7691, 5.4953



7.9732, 11.7691, 15.4603



9.6265, 11.7691, 24.7828

Sweetspot

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



15.1640, 11.7697, 10.4895



37.6140, 36.6788, 38.6541



16.8166, 12.2820, 25.9102



8.4692, 8.1540, 8.5379



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.



15.1640, 11.7697, 10.4895



24.7420, 17.5402, 13.9995



16.7128, 15.3614, 9.4822



5.0583, 5.0587, 5.3953



9.7164, 4.9967, 1.0107



0.0676, 0.0344, 0.0226

Inverse Universe

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



15.1640, 11.7697, 10.4895



24.7420, 17.5402, 13.9995



14.2464, 16.2494, 26.8115



5.0583, 5.0587, 5.3953



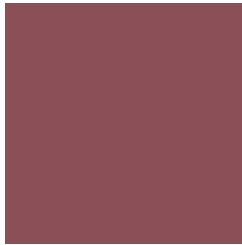
9.7164, 4.9967, 1.0107



0.0676, 0.0344, 0.0226

Previews

White Background



This preview shows how the XYZ color 15.1637, 11.7691, 10.4893 looks on a white background.

Color Contrast Check

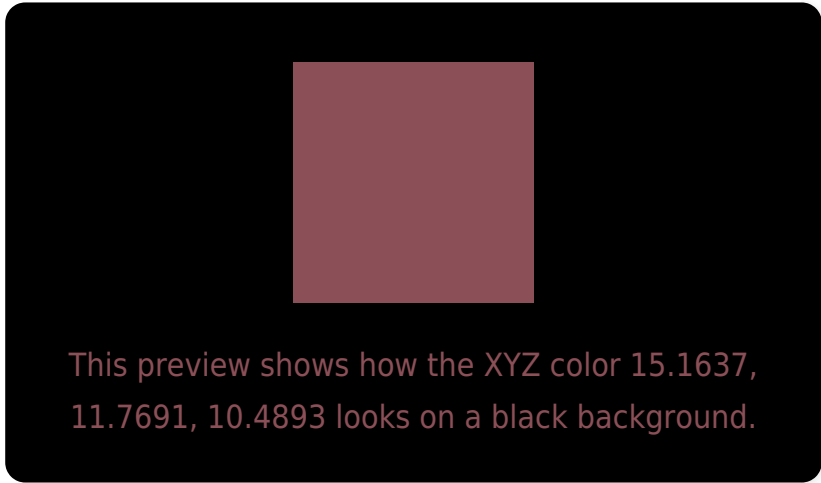
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.1637, 11.7691, 10.4893

Background



This preview shows how black text looks on a background with the XYZ color 15.1637, 11.7691, 10.4893.



This preview shows how white text looks on a background with the XYZ color 15.1637, 11.7691,

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

15.1637, 11.7691, 10.4893

Protanopia

11.4398, 11.8629, 12.7532

Deuteranopia

12.1096, 11.8641, 10.2461



Tritanopia

15.0831, 11.7368, 10.0648

Trichromacy



Original Color

15.1637, 11.7691, 10.4893

Protanomaly

12.5714, 11.6800, 11.9478

Deuteranomaly

13.0546, 11.7163, 10.3775

Tritanomaly

15.1232, 11.7528, 10.2755

Monochromacy



Original Color

15.1637, 11.7691, 10.4893

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

12.5715, 11.8010, 12.2049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1637, 11.7691, 10.4893 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(139, 79, 87)` looks like.

```
.text, #text, p{  
    color:rgb(139, 79, 87)  
}
```

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(139, 79, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 79, 87) }
```

Border

The CSS property to change the border of an element to XYZ 15.1637, 11.7691, 10.4893 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(139, 79, 87) }
```


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

```
.border{ border-color:rgb(139, 79, 87) }
```

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

Here you see how a box with a 4 pixel rgb(139, 79, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 79, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 79, 87);  
box-shadow:4px 4px 4px 4px rgb(139, 79,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1637, 11.7691, 10.4893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 79, 87) }
```

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

```
.background{ background-color: rgb(139, 79,  
87) }
```

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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