

Converting Colors

XYZ(15.7855, 13.9791, 12.4559)

Have a look what the booklet for
XYZ(15.7855, 13.9791, 12.4559)
contains.

XYZ(15.7855, 13.9791, 12.4559)	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(15.7855, 13.9791,
12.4559)**

Conversions

Conversions Part 1

Format	Color
Hex	855F5E
RGB	133, 95, 94
RGB Percent	52%, 37%, 37%
CMY	0.4784, 0.6274, 0.6314
CMYK	0.00, 0.29, 0.29, 0.48
HSL	2°, 17%, 45%
HSV	2°, 29%, 52%
XYZ	15.7855, 13.9791, 12.4559
YIQ	106.2480, 22.9690, 7.7450

Conversions

Conversions Part 2

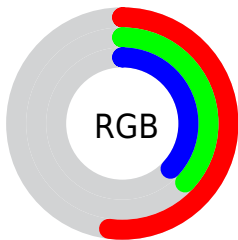
Format	Color
RYB	133, 95, 94
Decimal	8740702
CIELab	44.20, 15.34, 6.71
CIElCh	44, 16.745, 23.621
Yxy	13.9791, 0.3739, 0.3311
Android (android.graphics.Color)	4286930782 (0xFF855F5E)
YUV	106.2480, -6.0383, 23.4615
Hunter-Lab	37.3886, 9.9327, 6.4198

Details

The XYZ color **15.7855, 13.9791, 12.4559** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.1008, 20.5752, 25.2606**, and the grayscale version is **13.7796, 14.4972, 15.7874**.

A 20% lighter version of the original color is **35.8064, 33.1362, 30.8943**, and **5.0701, 4.1211, 3.3245** is the 20% darker color. If you saturate the color by 10%, you get **14.1677, 11.6176, 9.2215**, and if you desaturate by 10%, it is **17.7012, 16.7715, 16.2973**.

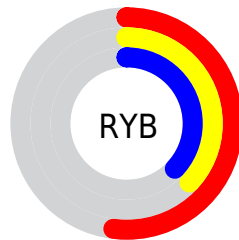
Distribution



Red (52%)

Green (37%)

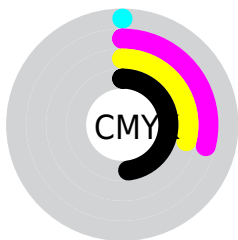
Blue (37%)



Red (52%)

Yellow (37%)

Blue (37%)

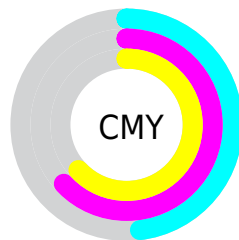


Cyan (0%)

Magenta (29%)

Yellow (29%)

Black (48%)



Cyan (48%)

Magenta (63%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7855, 13.9791, 12.4559 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 15.7855, 13.9791, 12.4559 by changing the saturation by 10% instead.

■ 15.7855, 13.9791,
12.4559

■ 15.7855, 13.9791,
12.4559

221.3680,
217.1008, 218.4845

■ 9.4624, 8.1061,
6.9287

■ 35.7859, 33.0519,
30.9995

■ 5.1035, 4.1629,
3.3398

■ 50.1939, 47.0206,
44.8529

■ 2.3435, 1.7651,
1.2706

■ 68.0275, 64.4566,
62.3188

■ 0.8168, 0.4653,
0.0375

■ 89.6521, 85.7444,
83.8158

■ 0.0000, 0.0000,
0.0000

115.4332,
111.2683, 109.7622

145.7359,

141.4127, 140.5768

180.9257,
176.5621, 176.6781

■ 15.7855, 13.9791,
12.4559

■ 15.7855, 13.9791,
12.4559

■ 14.1677, 11.6176,
9.2215

■ 17.7012, 16.7715,
16.2973

■ 12.8316, 9.6636,
6.5624

■ 19.9273, 20.0125,
20.7736

■ 11.7616, 8.0947,
4.4449


■ 22.4773, 23.7215,
25.9120


■ 10.9398, 6.8855,
2.8320


■ 25.3634, 27.9159,
31.7380


■ 10.3463, 6.0074,
1.6818


■ 28.5972, 32.6125,
38.2755


 9.9580, 5.4277,
0.9454


 32.1897, 37.8270,
45.5475

 9.7245, 5.0818,
0.4942

 36.1514, 43.5747,
53.5758

 9.7101, 5.0608,
0.4651

 40.4925, 49.8700,
62.3814

 45.2227, 56.7269,
71.9844

Harmonies

Analogous

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



16.0104, 13.9791, 16.0541



15.7855, 13.9791, 12.4559



14.8715, 13.9791, 10.0269

Triad

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



15.7855, 13.9791, 12.4559



11.3215, 13.9791, 11.2563



13.0030, 13.9791, 23.7783

Complementary

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



15.7855, 13.9791, 12.4559



17.1008, 20.5752, 25.2606

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.



11.8187, 13.9791, 21.9555



15.7855, 13.9791, 12.4559



10.8909, 13.9791, 14.4169

Square

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



15.7855, 13.9791, 12.4559



12.2825, 13.9791, 9.4199



11.0666, 13.9791, 18.3674



14.3442, 13.9791, 23.0171

Rectangle

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



15.7855, 13.9791, 12.4559



14.0253, 13.9791, 9.1907



11.0666, 13.9791, 18.3674



12.5745, 13.9791, 23.4389

Sweetspot

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



15.7859, 13.9798, 12.4562



35.7362, 35.9118, 37.3030



17.8646, 14.6677, 23.8454



7.9304, 7.9150, 8.1612



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



15.7859, 13.9798, 12.4562



26.3343, 22.2113, 18.4366



17.7277, 17.8634, 13.1035



4.6815, 4.7065, 4.8911



9.2499, 4.8224, 0.4433



0.0326, 0.0179, 0.0017

Inverse Universe

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



17.1008, 20.5752, 25.2606



29.0765, 35.9683, 45.1485



14.7383, 15.8501, 24.4731



4.7916, 5.2589, 5.9633



11.5842, 16.7162, 23.7527



0.0409, 0.0595, 0.0826

Previews

White Background



This preview shows how the XYZ color 15.7855, 13.9791, 12.4559 looks on a white background.

Color Contrast Check

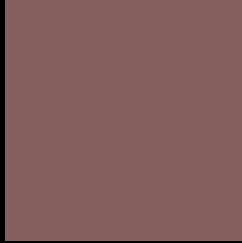
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 15.7855, 13.9791, 12.4559 looks on a 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 15.7855, 13.9791, 12.4559

Background



This preview shows how black text looks on a background with the XYZ color 15.7855, 13.9791, 12.4559.



This preview shows how white text looks on a background with the XYZ color 15.7855, 13.9791,

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

15.7855, 13.9791, 12.4559

Protanopia

13.3868, 13.9896, 13.7991

Deuteranopia

14.2372, 14.0196, 12.3116



Tritanopia

16.1832, 14.0133, 14.1638

Trichromacy



Original Color

15.7855, 13.9791, 12.4559

Protanomaly

14.1475, 13.9523, 13.2567

Deuteranomaly

14.7498, 13.9991, 12.2806

Tritanomaly

16.0388, 13.9556, 13.4036

Monochromacy



Original Color

15.7855, 13.9791, 12.4559

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.3521, 14.1751, 14.5500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7855, 13.9791, 12.4559 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(133, 95, 94)` looks like.

```
.text, #text, p{  
    color:rgb(133, 95, 94)  
}
```

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(133, 95, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 95, 94) }
```

Border

The CSS property to change the border of an element to XYZ 15.7855, 13.9791, 12.4559 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(133, 95, 94) }
```


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

```
.border{ border-color:rgb(133, 95, 94) }
```

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

Here you see how a box with a 4 pixel rgb(133, 95, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 95, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 95, 94);  
box-shadow:4px 4px 4px 4px rgb(133, 95,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7855, 13.9791, 12.4559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 95, 94) }
```

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

```
.background{ background-color: rgb(133, 95,  
94) }
```

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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