

Converting Colors

XYZ(15.7455, 12.0837, 12.4878)

Have a look what the booklet for
XYZ(15.7455, 12.0837, 12.4878)
contains.

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Color

**XYZ(15.7952, 12.1573,
12.5804)**

Conversions

Conversions Part 1

Format	Color
Hex	8C5060
RGB	140, 80, 96
RGB Percent	55%, 31%, 38%
CMY	0.4510, 0.6863, 0.6235
CMYK	0.00, 0.43, 0.31, 0.45
HSL	344°, 27%, 43%
HSV	344°, 43%, 55%
XYZ	15.7952, 12.1573, 12.5804
YIQ	99.7640, 30.6240, 17.6960

Conversions

Conversions Part 2

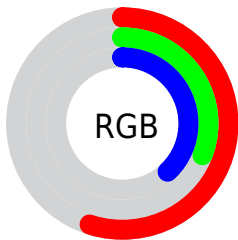
Format	Color
RYB	140, 80, 96
Decimal	9195616
CIELab	41.47, 27.20, 1.67
CIElCh	41, 27.251, 3.506
Yxy	12.1573, 0.3897, 0.2999
Android (android.graphics.Color)	4287385696 (0xFF8C5060)
YUV	99.7640, -1.8557, 35.2870
Hunter-Lab	34.8673, 19.8442, 3.0148

Details

The XYZ color **15.7952, 12.1573, 12.5804** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.3250, 21.9172, 22.4400**, and the grayscale version is **12.0525, 12.6801, 13.8087**.

A 20% lighter version of the original color is **35.6766, 29.6427, 31.0354**, and **5.1441, 3.3927, 3.4013** is the 20% darker color. If you saturate the color by 10%, you get **14.4327, 10.1399, 9.9444**, and if you desaturate by 10%, it is **17.4338, 14.6278, 15.6134**.

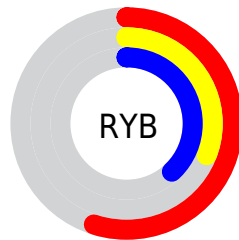
Distribution



Red (55%)

Green (31%)

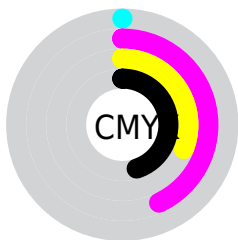
Blue (38%)



Red (55%)

Yellow (31%)

Blue (38%)

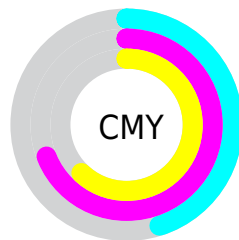


Cyan (0%)

Magenta (43%)

Yellow (31%)

Black (45%)



Cyan (45%)

Magenta (69%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7952, 12.1573, 12.5804 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 15.7952, 12.1573, 12.5804 by changing the saturation by 10% instead.

15.7952, 12.1573,
12.5804

15.7952, 12.1573,
12.5804

221.4244,
205.4439, 219.3233

9.4693, 6.8509,
7.0129

35.8026, 29.7813,
31.2279

5.1081, 3.3690,
3.3916

50.2148, 42.8676,
45.1451

2.3462, 1.3273,
1.2979

68.0532, 59.3161,
62.6825

0.8182, 0.1622,
0.0601

89.6830, 79.5111,
84.2588

0.0000, 0.0000,
0.0000

115.4697,
103.8369, 110.2925

145.7786,

132.6781, 141.2021

180.9750,
166.4190, 177.4062

■ 15.7952, 12.1573,
12.5804

■ 15.7952, 12.1573,
12.5804

■ 14.4327, 10.1399,
9.9444

■ 17.4338, 14.6278,
15.6134

■ 13.3294, 8.5462,
7.6876

■ 19.3618, 17.5749,
19.0584

■ 12.4684, 7.3459,
5.7920


■ 21.5931, 21.0227,
22.9309


■ 11.8299, 6.5041,
4.2377


■ 24.1403, 24.9930,
27.2449


■ 11.3910, 5.9795,
3.0026


■ 27.0152, 29.5066,
32.0140

 11.1543, 5.7111,
2.2918

 30.2289, 34.5828,
37.2512

 33.7923, 40.2402,
42.9690

 37.7156, 46.4964,
49.1793

 42.0084, 53.3684,
55.8936

Harmonies

Analogous

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



15.3156, 12.1573, 18.7321



15.7952, 12.1573, 12.5804



15.0359, 12.1573, 8.0768

Triad

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



15.7952, 12.1573, 12.5804



9.5751, 12.1573, 6.0587



9.9359, 12.1573, 25.6166

Complementary

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



15.7952, 12.1573, 12.5804



16.3250, 21.9172, 22.4400

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.



8.6579, 12.1573, 20.2287



15.7952, 12.1573, 12.5804



8.4669, 12.1573, 8.9381

Square

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



15.7952, 12.1573, 12.5804



11.3235, 12.1573, 5.0542



8.1512, 12.1573, 13.9165



11.7900, 12.1573, 27.4063

Rectangle

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



15.7952, 12.1573, 12.5804



13.9750, 12.1573, 6.2548



8.1512, 12.1573, 13.9165



9.4321, 12.1573, 24.1029

Sweetspot

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



15.7955, 12.1579, 12.5806



37.8936, 36.7906, 40.1262



15.9149, 11.9165, 26.2723



8.5417, 8.1830, 8.9194



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.



15.7955, 12.1579, 12.5806



25.6159, 18.1269, 17.8702



16.2663, 14.1607, 9.4661



5.0841, 5.0691, 5.5313



9.9185, 5.0775, 2.0751



0.0713, 0.0359, 0.0422

Inverse Universe

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



15.7955, 12.1579, 12.5806



25.6159, 18.1269, 17.8702



15.5032, 18.5211, 27.5688



5.0841, 5.0691, 5.5313



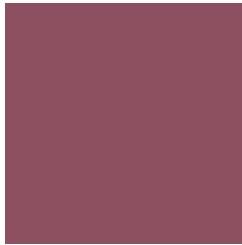
9.9185, 5.0775, 2.0751



0.0713, 0.0359, 0.0422

Previews

White Background



This preview shows how the XYZ color 15.7952, 12.1573, 12.5804 looks on a white background.

Color Contrast Check

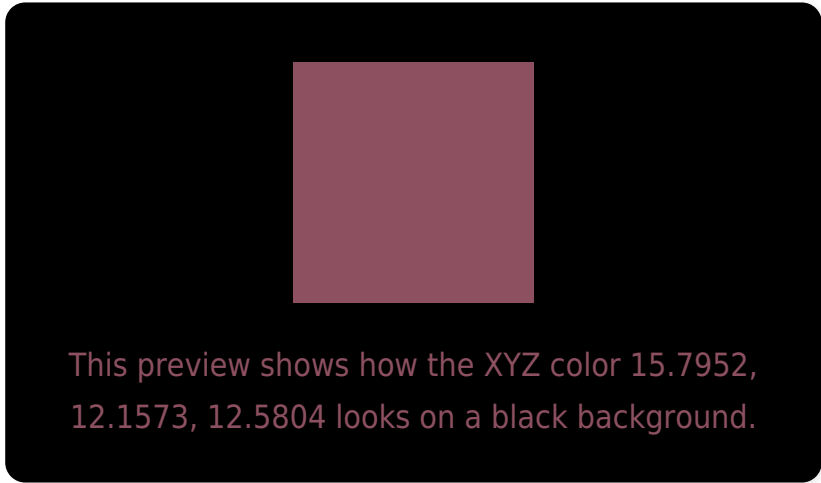
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.7952, 12.1573, 12.5804

Background



This preview shows how black text looks on a background with the XYZ color 15.7952, 12.1573, 12.5804.



This preview shows how white text looks on a background with the XYZ color 15.7952, 12.1573,

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

15.7952, 12.1573, 12.5804

Protanopia

12.0062, 12.3726, 15.3910

Deuteranopia

12.4984, 12.2897, 12.0693



Tritanopia

15.3102, 12.0619, 10.5381

Trichromacy



Original Color

15.7952, 12.1573, 12.5804

Protanomaly

12.9494, 11.9522, 14.1949

Deuteranomaly

13.5617, 12.1854, 12.2269

Tritanomaly

15.4354, 12.1120, 11.1972

Monochromacy



Original Color

15.7952, 12.1573, 12.5804

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

13.2367, 12.3744, 13.4952

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7952, 12.1573, 12.5804 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(140, 80, 96)` looks like.

```
.text, #text, p{  
    color:rgb(140, 80, 96)  
}
```

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(140, 80, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 80, 96) }
```

Border

The CSS property to change the border of an element to XYZ 15.7952, 12.1573, 12.5804 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(140, 80, 96) }
```


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

```
.border{ border-color:rgb(140, 80, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 80, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 80, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 80, 96);  
box-shadow:4px 4px 4px 4px rgb(140, 80,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7952, 12.1573, 12.5804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 80, 96) }
```

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

```
.background{ background-color: rgb(140, 80,  
96) }
```

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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