

Converting Colors

XYZ(15.7322, 12.4529, 12.8837)

Have a look what the booklet for
XYZ(15.7322, 12.4529, 12.8837)
contains.

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Color

**XYZ(15.7322, 12.4529,
12.8837)**

Conversions

Conversions Part 1

Format	Color
Hex	8A5361
RGB	138, 83, 97
RGB Percent	54%, 33%, 38%
CMY	0.4588, 0.6745, 0.6196
CMYK	0.00, 0.40, 0.30, 0.46
HSL	345°, 25%, 43%
HSV	345°, 40%, 54%
XYZ	15.7322, 12.4529, 12.8837
YIQ	101.0410, 28.2860, 16.0140

Conversions

Conversions Part 2

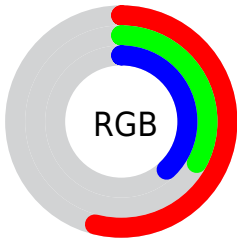
Format	Color
RYB	138, 83, 97
Decimal	9065313
CIELab	41.93, 24.84, 1.69
CIElCh	42, 24.900, 3.884
Yxy	12.4529, 0.3831, 0.3032
Android (android.graphics.Color)	4287255393 (0xFF8A5361)
YUV	101.0410, -1.9922, 32.4130
Hunter-Lab	35.2887, 17.8227, 3.0556

Details

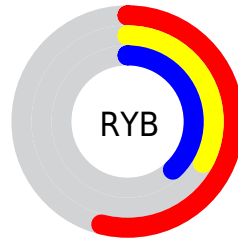
The XYZ color **15.7322, 12.4529, 12.8837** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.2945, 21.4716, 22.3557**, and the grayscale version is **12.3804, 13.0252, 14.1844**.

A 20% lighter version of the original color is **35.7251, 30.2506, 31.9730**, and **5.0662, 3.4792, 3.5365** is the 20% darker color. If you saturate the color by 10%, you get **14.3306, 10.3681, 10.2013**, and if you desaturate by 10%, it is **17.4069, 14.9841, 15.9644**.

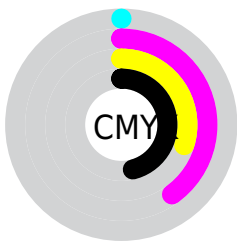
Distribution



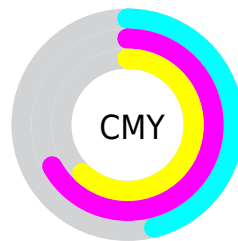
- Red (54%)
- Green (33%)
- Blue (38%)



- Red (54%)
- Yellow (33%)
- Blue (38%)



- Cyan (0%)
- Magenta (40%)
- Yellow (30%)
- Black (46%)





- Cyan (46%)
- Magenta (67%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.7322, 12.4529, 12.8837 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 15.7322, 12.4529, 12.8837 by changing the saturation by 10% instead.


 15.7322, 12.4529,
12.8837


 15.7322, 12.4529,
12.8837


221.0579,
207.3810, 221.3526


 9.4245, 7.0529,
7.2187


 35.6939, 30.3173,
31.7828


 5.0784, 3.4952,
3.5187

 50.0786, 43.5506,
45.8540


 2.3286, 1.3954,
1.3652

 67.8863, 60.1637,
63.5644

 0.8092, 0.2133,
0.1144

 89.4824, 80.5410,
85.3325

 0.0000, 0.0000,
0.0000

 115.2322,
105.0670, 111.5768

145.5012,

134.1261, 142.7159

180.6546,
168.1026, 179.1683

■ 15.7322, 12.4529,
12.8837

■ 15.7322, 12.4529,
12.8837

■ 14.3306, 10.3681,
10.2013

■ 17.4069, 14.9841,
15.9644

■ 13.1861, 8.7019,
7.8998

■ 19.3675, 17.9839,
19.4583

■ 12.2827, 7.4262,
5.9614

■ 21.6270, 21.4750,
23.3805

■ 11.6020, 6.5086,
4.3668

■ 24.1976, 25.4783,
27.7450

■ 11.1229, 5.9113,
3.0944

■ 27.0904, 30.0132,
32.5653

■ 10.7909, 5.5307,
2.1102

■ 30.3164, 35.0984,
37.8542

■ 10.7865, 5.5254,
2.0975

■ 33.8857, 40.7514,
43.6239

■ 37.8082, 46.9892,
49.8864

■ 42.0934, 53.8279,
56.6530

Harmonies

Analogous

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



15.3088, 12.4529, 18.5310



15.7322, 12.4529, 12.8837



15.0259, 12.4529, 8.6546

Triad

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



15.7322, 12.4529, 12.8837



9.9697, 12.4529, 6.7624



10.3448, 12.4529, 24.8556

Complementary

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



15.7322, 12.4529, 12.8837



16.2945, 21.4716, 22.3557

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.



9.1331, 12.4529, 20.0353



15.7322, 12.4529, 12.8837



8.9328, 12.4529, 9.5670

Square

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



15.7322, 12.4529, 12.8837



11.5979, 12.4529, 5.7491



8.6430, 12.4529, 14.2577



12.0776, 12.4529, 26.4025

Rectangle

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



15.7322, 12.4529, 12.8837



14.0484, 12.4529, 6.9059



8.6430, 12.4529, 14.2577



9.8692, 12.4529, 23.5122

Sweetspot

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



15.7325, 12.4535, 12.8839



37.1145, 36.2928, 39.4797



15.8974, 12.2578, 25.5730



8.2262, 7.9880, 8.6851



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



15.7325, 12.4535, 12.8839



25.4466, 18.5506, 18.3463



16.2107, 14.3638, 10.1025



5.0817, 5.0681, 5.5188



9.8949, 5.0681, 1.9510



0.0709, 0.0358, 0.0404

Inverse Universe

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



15.7325, 12.4535, 12.8839



25.4466, 18.5506, 18.3463



15.5100, 18.3839, 26.7759



5.0817, 5.0681, 5.5188



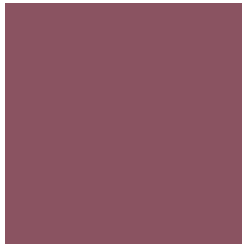
9.8949, 5.0681, 1.9510



0.0709, 0.0358, 0.0404

Previews

White Background



This preview shows how the XYZ color 15.7322, 12.4529, 12.8837 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 15.7322, 12.4529, 12.8837 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 15.7322, 12.4529, 12.8837

Background



This preview shows how black text looks on a background with the XYZ color 15.7322, 12.4529, 12.8837.



This preview shows how white text looks on a background with the XYZ color 15.7322, 12.4529,

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

15.7322, 12.4529, 12.8837

Protanopia

12.2089, 12.6169, 15.4275

Deuteranopia

12.8040, 12.5715, 12.5782



Tritanopia

15.3323, 12.3972, 11.2577

Trichromacy



Original Color

15.7322, 12.4529, 12.8837

Protanomaly

13.1726, 12.3187, 14.5154

Deuteranomaly

13.7376, 12.3916, 12.7341

Tritanomaly

15.4626, 12.4493, 11.9439

Monochromacy



Original Color

15.7322, 12.4529, 12.8837

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

13.2424, 12.5029, 13.7719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7322, 12.4529, 12.8837 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(138, 83, 97)` looks like.

```
.text, #text, p{  
    color:rgb(138, 83, 97)  
}
```

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(138, 83, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 83, 97) }
```

Border

The CSS property to change the border of an element to XYZ 15.7322, 12.4529, 12.8837 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(138, 83, 97) }
```


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

```
.border{ border-color:rgb(138, 83, 97) }
```

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

Here you see how a box with a 4 pixel rgb(138, 83, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 83, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 83, 97);  
box-shadow:4px 4px 4px 4px rgb(138, 83,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7322, 12.4529, 12.8837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 83, 97) }
```

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

```
.background{ background-color: rgb(138, 83,  
97) }
```

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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