

Converting Colors

XYZ(15.4816, 12.3882, 10.8043)

Have a look what the booklet for
XYZ(15.4816, 12.3882, 10.8043)
contains.

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Color

**XYZ(15.5022, 12.3801,
10.8051)**

Conversions

Conversions Part 1

Format	Color
Hex	8B5358
RGB	139, 83, 88
RGB Percent	55%, 33%, 35%
CMY	0.4549, 0.6745, 0.6549
CMYK	0.00, 0.40, 0.37, 0.45
HSL	355°, 25%, 44%
HSV	355°, 40%, 55%
XYZ	15.5022, 12.3801, 10.8051
YIQ	100.3140, 31.7710, 13.4270

Conversions

Conversions Part 2

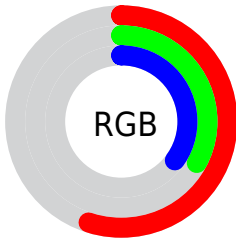
Format	Color
R_{YB}	139, 83, 88
Decimal	9130840
CIE Lab	41.81, 23.99, 7.08
CIE LCh	42, 25.010, 16.455
Yxy	12.3801, 0.4007, 0.3200
Android (android.graphics.Color)	4287320920 (0xFF8B5358)
YUV	100.3140, -6.0708, 33.9276
Hunter-Lab	35.1854, 17.0703, 6.4223

Details

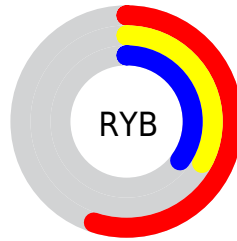
The XYZ color **15.5022, 12.3801, 10.8051** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.1036, 22.0258, 25.9054**, and the grayscale version is **12.2030, 12.8385, 13.9812**.

A 20% lighter version of the original color is **35.2231, 30.0794, 27.9942**, and **4.9974, 3.4624, 2.6904** is the 20% darker color. If you saturate the color by 10%, you get **14.0637, 10.2707, 7.9592**, and if you desaturate by 10%, it is **17.2457, 14.9536, 14.2023**.

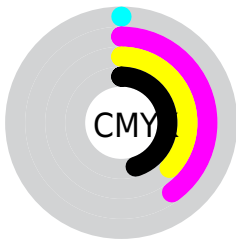
Distribution



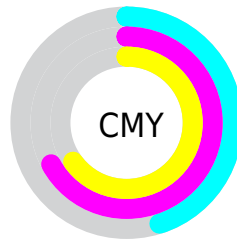
- Red (55%)
- Green (33%)
- Blue (35%)



- Red (55%)
- Yellow (33%)
- Blue (35%)



- Cyan (0%)
- Magenta (40%)
- Yellow (37%)
- Black (45%)



- Cyan (45%)
- Magenta (67%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5022, 12.3801, 10.8051 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 15.5022, 12.3801, 10.8051 by changing the saturation by 10% instead.

■ 15.5022, 12.3801,
10.8051

■ 15.5022, 12.3801,
10.8051

219.7147,
206.9057, 207.0147

■ 9.2612, 7.0031,
5.8234

■ 35.2963, 30.1855,
27.9303

■ 4.9704, 3.4640,
2.6710

■ 49.5801, 43.3827,
40.9109

■ 2.2645, 1.3785,
0.9288

■ 67.2755, 59.9554,
57.3949

■ 0.7764, 0.2008,
0.0000

■ 88.7479, 80.2881,
77.8009

■ 0.0000, 0.0000,
0.0000

■ 114.3627,
104.7650, 102.5473

144.4852,

133.7707, 132.0527

179.4808,
167.6894, 166.7356

■ 15.5022, 12.3801,
10.8051

■ 15.5022, 12.3801,
10.8051

■ 14.0637, 10.2707,
7.9592

■ 17.2457, 14.9536,
14.2023

■ 12.9117, 8.5961,
5.6348

■ 19.3093, 18.0146,
18.1769

■ 12.0272, 7.3264,
3.8003


■ 21.7083, 21.5872,
22.7544


■ 11.3884, 6.4274,
2.4206


■ 24.4568, 25.6933,
27.9585


■ 10.9702, 5.8588,
1.4556


■ 27.5680, 30.3535,
33.8115

 10.7163, 5.5165,
0.8609

 31.0544, 35.5874,
40.3348

 34.9280, 41.4136,
47.5486

 39.2003, 47.8497,
55.4724

 43.8821, 54.9129,
64.1249

Harmonies

Analogous

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



15.5582, 12.3801, 15.9986



15.5022, 12.3801, 10.8051



14.3803, 12.3801, 7.3817

Triad

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



15.5022, 12.3801, 10.8051



9.3812, 12.3801, 7.6283



10.9565, 12.3801, 25.9459

Complementary

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



15.5022, 12.3801, 10.8051



17.1036, 22.0258, 25.9054

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.



9.4910, 12.3801, 22.2530



15.5022, 12.3801, 10.8051



8.6477, 12.3801, 11.2404

Square

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



15.5022, 12.3801, 10.8051



10.7916, 12.3801, 5.9026



8.6857, 12.3801, 16.5631



12.7993, 12.3801, 25.7401

Rectangle

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



15.5022, 12.3801, 10.8051



13.2397, 12.3801, 6.1536



8.6857, 12.3801, 16.5631



10.4076, 12.3801, 25.0852

Sweetspot

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



15.5025, 12.3807, 10.8053



37.9779, 37.3201, 39.0417



17.4900, 13.0704, 26.0271



8.6374, 8.4301, 8.7797



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.



15.5025, 12.3807, 10.8053



25.4768, 18.8185, 14.8341



17.3016, 16.2989, 10.4186



5.0498, 5.0554, 5.3509



9.6752, 4.9802, 0.7938



0.0663, 0.0339, 0.0161

Inverse Universe

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



15.5025, 12.3807, 10.8053



25.4768, 18.8185, 14.8341



14.5428, 16.3332, 26.8123



5.0498, 5.0554, 5.3509



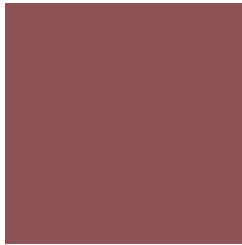
9.6752, 4.9802, 0.7938



0.0663, 0.0339, 0.0161

Previews

White Background



This preview shows how the XYZ color 15.5022, 12.3801, 10.8051 looks on a white background.

Color Contrast Check

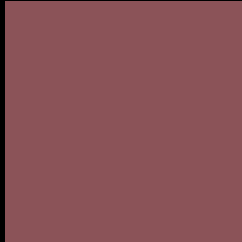
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.5022, 12.3801, 10.8051 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 15.5022, 12.3801, 10.8051

Background



This preview shows how black text looks on a background with the XYZ color 15.5022, 12.3801, 10.8051.



This preview shows how white text looks on a background with the XYZ color 15.5022, 12.3801,

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

15.5022, 12.3801, 10.8051

Protanopia

11.9400, 12.5349, 12.8565

Deuteranopia

12.5820, 12.3670, 10.5280



Tritanopia

15.5439, 12.3967, 11.0248

Trichromacy



Original Color

15.5022, 12.3801, 10.8051

Protanomaly

12.9604, 12.2639, 12.0400

Deuteranomaly

13.4874, 12.3079, 10.6816

Tritanomaly

15.5439, 12.3967, 11.0248

Monochromacy



Original Color

15.5022, 12.3801, 10.8051

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

13.0535, 12.4273, 12.7771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5022, 12.3801, 10.8051 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, 83, 88)` looks like.

```
.text, #text, p{  
    color:rgb(139, 83, 88)  
}
```

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, 83, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 83, 88) }
```

Border

The CSS property to change the border of an element to XYZ 15.5022, 12.3801, 10.8051 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, 83, 88) }
```


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

```
.border{ border-color:rgb(139, 83, 88) }
```

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

Here you see how a box with a 4 pixel rgb(139, 83, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 83, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 83, 88);  
box-shadow:4px 4px 4px 4px rgb(139, 83,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5022, 12.3801, 10.8051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 83, 88) }
```

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

```
.background{ background-color: rgb(139, 83,  
88) }
```

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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