

Converting Colors

XYZ(15.6371, 12.0571, 8.5243)

Have a look what the booklet for
XYZ(15.6371, 12.0571, 8.5243)
contains.

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Color

**XYZ(15.6371, 12.0571,
8.5243)**

Conversions

Conversions Part 1

Format	Color
Hex	904F4D
RGB	144, 79, 77
RGB Percent	56%, 31%, 30%
CMY	0.4353, 0.6902, 0.6980
CMYK	0.00, 0.45, 0.47, 0.44
HSL	2°, 30%, 43%
HSV	2°, 47%, 56%
XYZ	15.6371, 12.0571, 8.5243
YIQ	98.2070, 39.3820, 13.1580

Conversions

Conversions Part 2

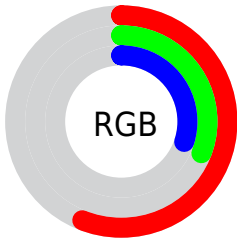
Format	Color
R_{YB}	144, 79, 77
Decimal	9457485
CIE Lab	41.31, 26.96, 13.25
CIE LCh	41, 30.040, 26.164
Yxy	12.0571, 0.4317, 0.3329
Android (android.graphics.Color)	4287647565 (0xFF904F4D)
YUV	98.2070, -10.4551, 40.1605
Hunter-Lab	34.7233, 19.6188, 9.7511

Details

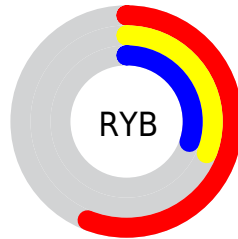
The XYZ color **15.6371, 12.0571, 8.5243** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.7670, 22.9361, 29.8760**, and the grayscale version is **11.6797, 12.2880, 13.3816**.

A 20% lighter version of the original color is **35.4356, 29.4862, 23.5624**, and **5.0075, 3.3165, 1.8151** is the 20% darker color. If you saturate the color by 10%, you get **14.2799, 10.0683, 5.8351**, and if you desaturate by 10%, it is **17.3192, 14.5156, 11.8774**.

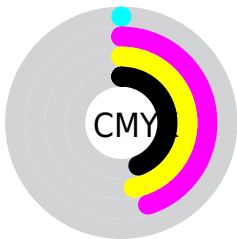
Distribution



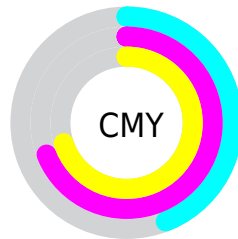
- Red (56%)
- Green (31%)
- Blue (30%)



- Red (56%)
- Yellow (31%)
- Blue (30%)



- Cyan (0%)
- Magenta (45%)
- Yellow (47%)
- Black (44%)



- Cyan (44%)
- Magenta (69%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6371, 12.0571, 8.5243 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 15.6371, 12.0571, 8.5243 by changing the saturation by 10% instead.

■ 15.6371, 12.0571,
8.5243

■ 15.6371, 12.0571,
8.5243

220.5034,
204.7829, 189.8739

■ 9.3569, 6.7826,
4.3397

■ 35.5296, 29.5991,
23.5430

■ 5.0337, 3.3265,
1.8135

■ 49.8726, 42.6353,
35.2141

■ 2.3020, 1.3045,
0.4368

■ 67.6340, 59.0275,
50.2178

■ 0.7957, 0.1447,
0.0000

■ 89.1791, 79.1602,
68.9726

■ 0.0000, 0.0000,
0.0000

■ 114.8732,
103.4177, 91.8971

145.0817,

132.1844, 119.4098

180.1700,
165.8447, 151.9292

■ 15.6371, 12.0571,
8.5243

■ 15.6371, 12.0571,
8.5243

■ 14.2799, 10.0683,
5.8351

■ 17.3192, 14.5156,
11.8774

■ 13.2259, 8.5177,
3.7651

■ 19.3444, 17.4693,
15.9337

■ 12.4520, 7.3728,
2.2652

■ 21.7306, 20.9437,
20.7304

■ 11.9314, 6.5955,
1.2784

■ 24.4941, 24.9622,
26.3017

■ 11.6283, 6.1390,
0.7157

■ 27.6503, 29.5470,
32.6798

■ 11.5483, 6.0227,
0.5538

■ 31.2136, 34.7186,
39.8950

■ 35.1980, 40.4968,
47.9761

■ 39.6164, 46.9004,
56.9504

■ 44.4815, 53.9474,
66.8441

Harmonies

Analogous

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



16.1583, 12.0571, 13.9455



15.6371, 12.0571, 8.5243



13.9492, 12.0571, 5.4822

Triad

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



15.6371, 12.0571, 8.5243



8.3260, 12.0571, 7.5257



11.1825, 12.0571, 29.0665

Complementary

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



15.6371, 12.0571, 8.5243



17.7670, 22.9361, 29.8760

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.



9.2859, 12.0571, 25.7979



15.6371, 12.0571, 8.5243



7.7739, 12.0571, 12.3433

Square

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



15.6371, 12.0571, 8.5243



9.7134, 12.0571, 5.0468



8.1020, 12.0571, 19.1477



13.4042, 12.0571, 27.0750

Rectangle

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



15.6371, 12.0571, 8.5243



12.4891, 12.0571, 4.5959



8.1020, 12.0571, 19.1477



10.4889, 12.0571, 28.5253

Sweetspot

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



15.6374, 12.0577, 8.5245



39.3610, 38.4429, 38.6442



19.1045, 13.2167, 27.4842



8.8193, 8.5145, 8.4449



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



15.6374, 12.0577, 8.5245



25.0559, 17.5664, 10.0340



18.5931, 17.9690, 9.5097



5.4210, 5.4483, 5.6553



10.0597, 5.2511, 0.4834



0.0982, 0.0543, 0.0053

Inverse Universe

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



17.7670, 22.9361, 29.8760



29.2905, 39.2215, 52.5648



13.6043, 14.6107, 28.4885



5.5466, 6.0890, 6.9117



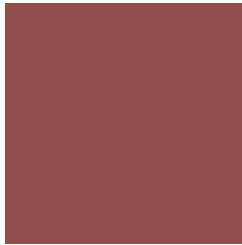
12.5145, 18.0151, 25.7948



0.1225, 0.1779, 0.2476

Previews

White Background



This preview shows how the XYZ color 15.6371, 12.0571, 8.5243 looks on a white background.

Color Contrast Check

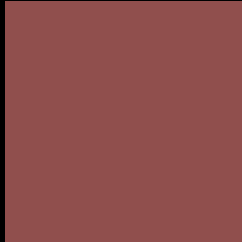
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.6371, 12.0571, 8.5243 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 15.6371, 12.0571, 8.5243

Background



This preview shows how black text looks on a background with the XYZ color 15.6371, 12.0571, 8.5243.



This preview shows how white text looks on a background with the XYZ color 15.6371, 12.0571,

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

15.6371, 12.0571, 8.5243

Protanopia

11.5269, 12.2320, 10.5576

Deuteranopia

12.3090, 12.1447, 8.1740



Tritanopia

16.0017, 12.1086, 9.8813

Trichromacy



Original Color

15.6371, 12.0571, 8.5243

Protanomaly

12.6385, 11.8886, 9.8122

Deuteranomaly

13.4466, 12.0884, 8.2812

Tritanomaly

15.8866, 12.0626, 9.2756

Monochromacy



Original Color

15.6371, 12.0571, 8.5243

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

12.6568, 11.8652, 11.2960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6371, 12.0571, 8.5243 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(144, 79, 77)` looks like.

```
.text, #text, p{  
    color:rgb(144, 79, 77)  
}
```

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(144, 79, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 79, 77) }
```

Border

The CSS property to change the border of an element to XYZ 15.6371, 12.0571, 8.5243 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(144, 79, 77) }
```


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

```
.border{ border-color:rgb(144, 79, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 79, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 79, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 79, 77);  
box-shadow:4px 4px 4px 4px rgb(144, 79,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6371, 12.0571, 8.5243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 79, 77) }
```

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

```
.background{ background-color: rgb(144, 79,  
77) }
```

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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