

Converting Colors

XYZ(15.0112, 12.4045, 13.3633)

Have a look what the booklet for
XYZ(15.0112, 12.4045, 13.3633)
contains.

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Color

**XYZ(15.0956, 12.4620,
13.4142)**

Conversions

Conversions Part 1

Format	Color
Hex	845663
RGB	132, 86, 99
RGB Percent	52%, 34%, 39%
CMY	0.4824, 0.6627, 0.6118
CMYK	0.00, 0.35, 0.25, 0.48
HSL	343°, 21%, 43%
HSV	343°, 35%, 52%
XYZ	15.0956, 12.4620, 13.4142
YIQ	101.2360, 23.2430, 13.7950

Conversions

Conversions Part 2

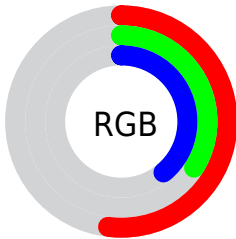
Format	Color
R_{YB}	132, 86, 99
Decimal	8672867
CIE _{Lab}	41.94, 21.03, 0.38
CIE _{LCh}	42, 21.031, 1.039
Yxy	12.4620, 0.3684, 0.3042
Android (android.graphics.Color)	4286862947 (0xFF845663)
YUV	101.2360, -1.1023, 26.9800
Hunter-Lab	35.3016, 14.5522, 2.1815

Details

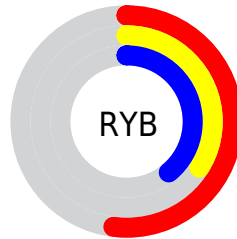
The XYZ color **15.0956, 12.4620, 13.4142** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.4193, 19.8131, 20.4653**, and the grayscale version is **12.4295, 13.0768, 14.2407**.

A 20% lighter version of the original color is **34.5589, 30.2494, 32.8714**, and **4.7947, 3.5240, 3.7956** is the 20% darker color. If you saturate the color by 10%, you get **13.7109, 10.3751, 10.8484**, and if you desaturate by 10%, it is **16.7288, 14.9606, 16.3251**.

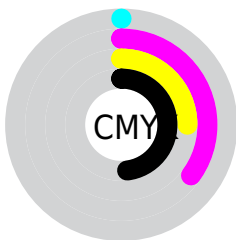
Distribution



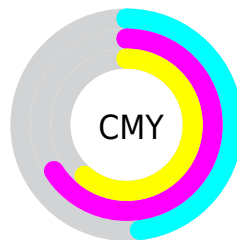
- Red (52%)
- Green (34%)
- Blue (39%)



- Red (52%)
- Yellow (34%)
- Blue (39%)



- Cyan (0%)
- Magenta (35%)
- Yellow (25%)
- Black (48%)



- Cyan (48%)
- Magenta (66%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0956, 12.4620, 13.4142 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 15.0956, 12.4620, 13.4142 by changing the saturation by 10% instead.

■ 15.0956, 12.4620,
13.4142

■ 15.0956, 12.4620,
13.4142

217.3211,
207.4403, 224.8557

■ 8.9733, 7.0591,
7.5803

■ 34.5911, 30.3338,
32.7480

■ 4.7807, 3.4991,
3.7437

■ 48.6949, 43.5715,
47.0849

■ 2.1526, 1.3975,
1.4858

■ 66.1900, 60.1897,
65.0933

■ 0.7176, 0.2149,
0.2073

■ 87.4417, 80.5726,
87.1917

■ 0.0000, 0.0000,
0.0000

■ 112.8152,
105.1047, 113.7985

142.6761,

134.1705, 145.3325

177.3896,
168.1542, 182.2120

■ 15.0956, 12.4620,
13.4142

■ 15.0956, 12.4620,
13.4142

■ 13.7109, 10.3751,
10.8484

■ 16.7288, 14.9606,
16.3251

■ 12.5611, 8.6760,
8.6137

■ 18.6210, 17.8898,
19.5928

■ 11.6328, 7.3409,
6.6964


■ 20.7836, 21.2692,
23.2294


■ 10.9108, 6.3428,
5.0811


■ 23.2268, 25.1167,
27.2461


■ 10.3779, 5.6508,
3.7514


■ 25.9602, 29.4495,
31.6537


 10.0107, 5.2217,
2.6877

 28.9932, 34.2836,
36.4626

 9.8543, 5.0410,
2.2286

 32.3346, 39.6345,
41.6826

 35.9929, 45.5168,
47.3234

 39.9761, 51.9447,
53.3943

Harmonies

Analogous

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



14.6606, 12.4620, 18.1561



15.0956, 12.4620, 13.4142



14.5981, 12.4620, 9.6125

Triad

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



15.0956, 12.4620, 13.4142



10.3679, 12.4620, 7.4710



10.4541, 12.4620, 22.5332

Complementary

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



15.0956, 12.4620, 13.4142



15.4193, 19.8131, 20.4653

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.



9.4614, 12.4620, 18.4848



15.0956, 12.4620, 13.4142



9.4148, 12.4620, 9.8280

Square

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



15.0956, 12.4620, 13.4142



11.7906, 12.4620, 6.6776



9.0977, 12.4620, 13.7250



11.8991, 12.4620, 24.0676

Rectangle

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



15.0956, 12.4620, 13.4142



13.8277, 12.4620, 7.9366



9.0977, 12.4620, 13.7250



10.0611, 12.4620, 21.3831

Sweetspot

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



15.0959, 12.4626, 13.4145



34.5015, 34.1639, 37.3917



15.0962, 12.2418, 23.3969



7.9273, 7.7895, 8.5279



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.



15.0959, 12.4626, 13.4145



24.5846, 18.9232, 19.9260



15.3757, 13.9377, 10.6848



4.7227, 4.7088, 5.1520



9.5436, 4.8818, 2.1688



0.0359, 0.0180, 0.0223

Inverse Universe

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



15.0959, 12.4626, 13.4145



24.5846, 18.9232, 19.9260



14.9667, 17.5720, 24.4326



4.7227, 4.7088, 5.1520



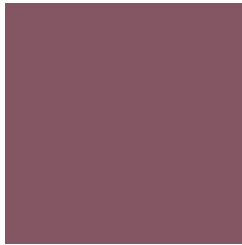
9.5436, 4.8818, 2.1688



0.0359, 0.0180, 0.0223

Previews

White Background



This preview shows how the XYZ color 15.0956, 12.4620, 13.4142 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 15.0956, 12.4620, 13.4142 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 15.0956, 12.4620, 13.4142

Background



This preview shows how black text looks on a background with the XYZ color 15.0956, 12.4620, 13.4142.



This preview shows how white text looks on a background with the XYZ color 15.0956, 12.4620,

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

15.0956, 12.4620, 13.4142

Protanopia

12.2089, 12.6169, 15.4275

Deuteranopia

12.7709, 12.5438, 13.0574



Tritanopia

14.7886, 12.4498, 12.2133

Trichromacy



Original Color

15.0956, 12.4620, 13.4142

Protanomaly

13.0064, 12.3642, 14.5330

Deuteranomaly

13.5030, 12.3877, 13.2347

Tritanomaly

14.8796, 12.4862, 12.6922

Monochromacy



Original Color

15.0956, 12.4620, 13.4142

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

13.1652, 12.7306, 13.8200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0956, 12.4620, 13.4142 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(132, 86, 99) looks like.

```
.text, #text, p{  
    color:rgb(132, 86, 99)  
}
```

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(132, 86, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 86, 99) }
```

Border

The CSS property to change the border of an element to XYZ 15.0956, 12.4620, 13.4142 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(132, 86, 99) }
```


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

```
.border{ border-color:rgb(132, 86, 99) }
```

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

Here you see how a box with a 4 pixel rgb(132, 86, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 86, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 86, 99);  
box-shadow:4px 4px 4px 4px rgb(132, 86,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0956, 12.4620, 13.4142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 86, 99) }
```

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

```
.background{ background-color: rgb(132, 86,  
99) }
```

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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