

Converting Colors

XYZ(15.0012, 12.4242, 12.9167)

Have a look what the booklet for
XYZ(15.0012, 12.4242, 12.9167)
contains.

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Color

**XYZ(15.0012, 12.4242,
12.9167)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 845661 |
| RGB | 132, 86, 97 |
| RGB Percent | 52%, 34%, 38% |
| CMY | 0.4824, 0.6627, 0.6196 |
| CMYK | 0.00, 0.35, 0.27, 0.48 |
| HSL | 346°, 21%, 43% |
| HSV | 346°, 35%, 52% |
| XYZ | 15.0012, 12.4242, 12.9167 |
| YIQ | 101.0080, 23.8850, 13.1730 |

Conversions

Conversions Part 2

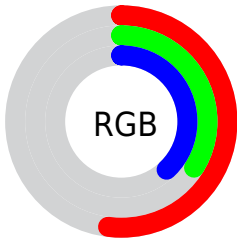
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 132, 86, 97 |
| Decimal | 8672865 |
| CIE _{Lab} | 41.88, 20.71, 1.53 |
| CIE _{LCh} | 42, 20.771, 4.213 |
| Yxy | 12.4242, 0.3718, 0.3080 |
| Android (android.graphics.Color) | 4286862945 (0xFF845661) |
| YUV | 101.0080, -1.9759, 27.1800 |
| Hunter-Lab | 35.2480, 14.2839, 2.9466 |

Details

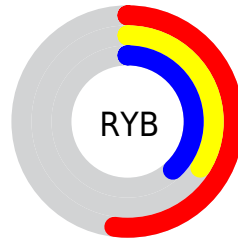
The XYZ color **15.0012, 12.4242, 12.9167** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.5408, 19.8618, 21.1049**, and the grayscale version is **12.3726, 13.0170, 14.1755**.

A 20% lighter version of the original color is **34.3992, 30.1855, 32.0303**, and **4.7497, 3.5059, 3.5583** is the 20% darker color. If you saturate the color by 10%, you get **13.6039, 10.3323, 10.2848**, and if you desaturate by 10%, it is **16.6531, 14.9304, 15.9264**.

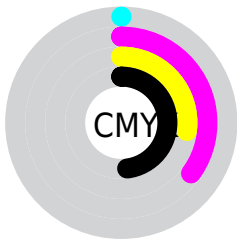
Distribution



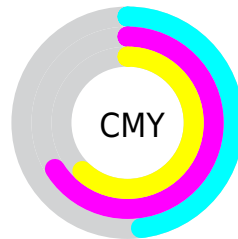
- Red (52%)
- Green (34%)
- Blue (38%)



- Red (52%)
- Yellow (34%)
- Blue (38%)



- Cyan (0%)
- Magenta (35%)
- Yellow (27%)
- Black (48%)



- Cyan (48%)
- Magenta (66%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.0012, 12.4242, 12.9167 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 15.0012, 12.4242, 12.9167 by changing the saturation by 10% instead.


 15.0012, 12.4242,
12.9167


 15.0012, 12.4242,
12.9167


216.7617,
207.1937, 221.5722


 8.9065, 7.0333,
7.2412


 34.4269, 30.2654,
31.8430


 4.7369, 3.4829,
3.5326

 48.4887, 43.4844,
45.9309


 2.1269, 1.3887,
1.3726

 65.9369, 60.0816,
63.6600

 0.7038, 0.2084,
0.1202

 87.1369, 80.4413,
85.4488

 0.0000, 0.0000,
0.0000

 112.4540,
104.9480, 111.7159

142.2536,

133.9861, 142.8798

176.9011,
167.9398, 179.3590

■ 15.0012, 12.4242,
12.9167

■ 15.0012, 12.4242,
12.9167

■ 13.6039, 10.3323,
10.2848

■ 16.6531, 14.9304,
15.9264

■ 12.4474, 8.6305,
8.0147

■ 18.5707, 17.8696,
19.3274

■ 11.5178, 7.2949,
6.0905


■ 20.7655, 21.2619,
23.1336


■ 10.7994, 6.2983,
4.4944


■ 23.2481, 25.1252,
27.3579


■ 10.2746, 5.6095,
3.2073

■ 26.0285, 29.4768,
32.0127


 9.9194, 5.1852,
2.2066

 29.1162, 34.3328,
37.1096

 9.7705, 5.0075,
1.7868

 32.5204, 39.7088,
42.6600

 36.2497, 45.6196,
48.6750

 40.3125, 52.0794,
55.1650

Harmonies

Analogous

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



14.6685, 12.4242, 17.5451



15.0012, 12.4242, 12.9167



14.4196, 12.4242, 9.3126

Triad

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



15.0012, 12.4242, 12.9167



10.2269, 12.4242, 7.6761



10.5717, 12.4242, 22.6479

Complementary

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



15.0012, 12.4242, 12.9167



15.5408, 19.8618, 21.1049

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.



9.5339, 12.4242, 18.8547



15.0012, 12.4242, 12.9167



9.3473, 12.4242, 10.1760

Square

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



15.0012, 12.4242, 12.9167



11.5935, 12.4242, 6.7315



9.1049, 12.4242, 14.1580



12.0268, 12.4242, 23.8213

Rectangle

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



15.0012, 12.4242, 12.9167



13.6189, 12.4242, 7.7676



9.1049, 12.4242, 14.1580



10.1667, 12.4242, 21.6018

Sweetspot

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



15.0015, 12.4248, 12.9169



34.4374, 34.1382, 37.0543



15.3084, 12.3511, 23.4071



7.9108, 7.7830, 8.4412



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.



15.0015, 12.4248, 12.9169



24.3995, 18.8492, 18.9512



15.5169, 14.2201, 10.7318



4.7149, 4.7056, 5.1108



9.4621, 4.8492, 1.7400



0.0353, 0.0178, 0.0191

Inverse Universe

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



15.0015, 12.4248, 12.9169



24.3995, 18.8492, 18.9512



14.7799, 17.1984, 24.3706



4.7149, 4.7056, 5.1108



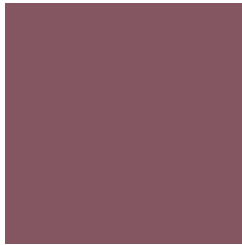
9.4621, 4.8492, 1.7400



0.0353, 0.0178, 0.0191

Previews

White Background



This preview shows how the XYZ color 15.0012, 12.4242, 12.9167 looks on a white background.

Color Contrast Check

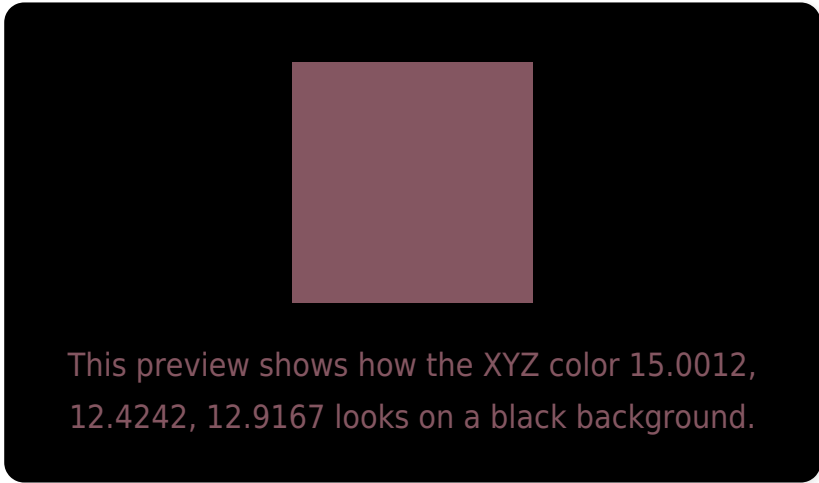
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.0012, 12.4242, 12.9167

Background



This preview shows how black text looks on a background with the XYZ color 15.0012, 12.4242, 12.9167.



This preview shows how white text looks on a background with the XYZ color 15.0012, 12.4242,

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

15.0012, 12.4242, 12.9167

Protanopia

12.1061, 12.5758, 14.8860

Deuteranopia

12.6788, 12.5070, 12.5723



Tritanopia

14.8997, 12.5122, 11.9857

Trichromacy



Original Color

15.0012, 12.4242, 12.9167

Protanomaly

12.9072, 12.3245, 14.0105

Deuteranomaly

13.4097, 12.3504, 12.7434

Tritanomaly

14.9443, 12.5301, 12.2206

Monochromacy



Original Color

15.0012, 12.4242, 12.9167

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 15.0012, 12.4242, 12.9167 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, 97)` looks like.

```
.text, #text, p{  
    color:rgb(132, 86, 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(132, 86, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 86, 97) }
```

Border

The CSS property to change the border of an element to XYZ 15.0012, 12.4242, 12.9167 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, 97) }
```


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

```
.border{ border-color:rgb(132, 86, 97) }
```

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, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 86, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 86, 97);  
box-shadow:4px 4px 4px 4px rgb(132, 86,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0012, 12.4242, 12.9167 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, 97) }
```

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

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