

Converting Colors

XYZ(15.0119, 12.8259, 16.9298)

Have a look what the booklet for
XYZ(15.0119, 12.8259, 16.9298)
contains.

XYZ(15.0382, 12.8422, 17.0154)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.0382, 12.8422,
17.0154)**

Conversions

Conversions Part 1

Format	Color
Hex	7D5A70
RGB	125, 90, 112
RGB Percent	49%, 35%, 44%
CMY	0.5098, 0.6470, 0.5608
CMYK	0.00, 0.28, 0.10, 0.51
HSL	322°, 16%, 42%
HSV	322°, 28%, 49%
XYZ	15.0382, 12.8422, 17.0154
YIQ	102.9730, 13.7980, 14.2620

Conversions

Conversions Part 2

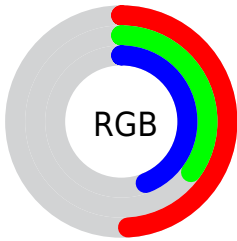
Format	Color
R_{YB}	125, 90, 112
Decimal	8215152
CIE Lab	42.52, 18.17, -6.82
CIE LCh	43, 19.408, 339.419
Yxy	12.8422, 0.3350, 0.2860
Android (android.graphics.Color)	4286405232 (0xFF7D5A70)
YUV	102.9730, 4.4503, 19.3177
Hunter-Lab	35.8360, 12.1926, -3.0664

Details

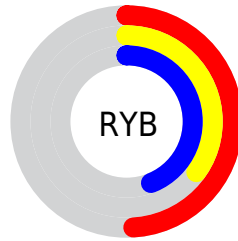
The XYZ color **15.0382, 12.8422, 17.0154** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **13.9988, 17.8204, 15.5347**, and the grayscale version is **12.8714, 13.5417, 14.7469**.

A 20% lighter version of the original color is **34.4390, 30.9015, 39.2714**, and **4.7277, 3.6674, 5.3092** is the 20% darker color. If you saturate the color by 10%, you get **13.8194, 10.8076, 15.3664**, and if you desaturate by 10%, it is **16.4484, 15.2380, 18.7943**.

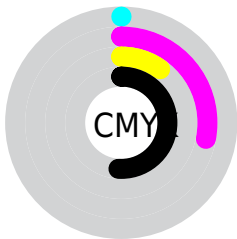
Distribution



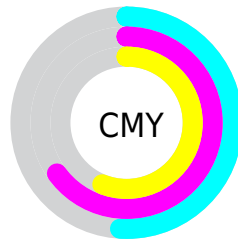
- Red (49%)
- Green (35%)
- Blue (44%)



- Red (49%)
- Yellow (35%)
- Blue (44%)



- Cyan (0%)
- Magenta (28%)
- Yellow (10%)
- Black (51%)



- Cyan (51%)
- Magenta (65%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0382, 12.8422, 17.0154 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 15.0382, 12.8422, 17.0154 by changing the saturation by 10% instead.

■ 15.0382, 12.8422,
17.0154

■ 15.0382, 12.8422,
17.0154

216.9811,
209.9039, 247.3081

■ 8.9327, 7.3200,
10.0834

■ 34.4913, 31.0200,
39.1433

■ 4.7541, 3.6630,
5.3480

■ 48.5696, 44.4444,
55.1762

■ 2.1370, 1.4869,
2.3905

■ 66.0362, 61.2716,
75.0799

■ 0.7092, 0.2795,
0.7813

■ 87.2564, 81.8860,
99.2728

■ 0.0000, 0.0000,
0.0000

■ 112.5957,
106.6720, 128.1736

142.4193,

136.0141, 162.2007

177.0927,
170.2966, 201.7726

■ 15.0382, 12.8422,
17.0154

■ 15.0382, 12.8422,
17.0154

■ 13.8194, 10.8076,
15.3664

■ 16.4484, 15.2380,
18.7943

■ 12.7818, 9.1145,
13.8425

■ 18.0574, 18.0098,
20.7060

■ 11.9160, 7.7443,
12.4396

■ 19.8734, 21.1737,
22.7545

■ 11.2112, 6.6757,
11.1532

■ 21.9039, 24.7443,
24.9430

■ 10.6552, 5.8848,
9.9782

■ 24.1560, 28.7357,
27.2750

■ 10.2341, 5.3440,
8.9087

■ 26.6365, 33.1609,
29.7534

■ 9.9141, 4.9861,
7.9325

■ 29.3518, 38.0326,
32.3814

■ 9.8531, 4.9182,
7.7450

■ 32.3082, 43.3630,
35.1619

■ 35.5115, 49.1638,
38.0977

Harmonies

Analogous

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



14.0839, 12.8422, 21.1882



15.0382, 12.8422, 17.0154



15.2018, 12.8422, 12.7036

Triad

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



15.0382, 12.8422, 17.0154



11.7508, 12.8422, 7.4380



10.1565, 12.8422, 19.7578

Complementary

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



15.0382, 12.8422, 17.0154



13.9988, 17.8204, 15.5347

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.



9.6324, 12.8422, 15.3455



15.0382, 12.8422, 17.0154



10.5031, 12.8422, 8.6301

Square

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



15.0382, 12.8422, 17.0154



13.2235, 12.8422, 7.7078



9.7540, 12.8422, 11.3341



11.2423, 12.8422, 22.9785

Rectangle

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



15.0382, 12.8422, 17.0154



14.8283, 12.8422, 10.3823



9.7540, 12.8422, 11.3341



9.9129, 12.8422, 18.3325

Sweetspot

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



15.0386, 12.8428, 17.0157



32.2763, 32.1470, 37.0099



12.9328, 11.6675, 20.9725



7.2522, 7.1573, 8.3144



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



15.0386, 12.8428, 17.0157



25.4043, 20.4429, 28.4305



14.1645, 12.4931, 12.4128



4.4325, 4.3862, 5.0820



10.2802, 5.1318, 8.0652



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.0386, 12.8428, 17.0157



25.4043, 20.4429, 28.4305



14.9609, 18.2053, 20.6012



4.4325, 4.3862, 5.0820



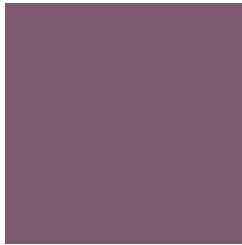
10.2802, 5.1318, 8.0652



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.0382, 12.8422, 17.0154 looks on a white background.

Color Contrast Check

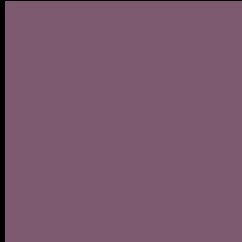
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.0382, 12.8422, 17.0154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

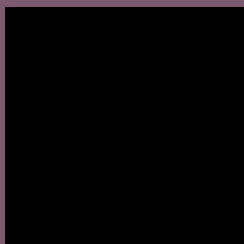
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.0382, 12.8422, 17.0154

Background



This preview shows how black text looks on a background with the XYZ color 15.0382, 12.8422, 17.0154.



This preview shows how white text looks on a background with the XYZ color 15.0382, 12.8422,

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

15.0382, 12.8422, 17.0154

Protanopia

12.7570, 12.9637, 18.9694

Deuteranopia

13.1808, 12.9472, 16.8433



Tritanopia

14.2477, 12.7661, 13.5176

Trichromacy



Original Color

15.0382, 12.8422, 17.0154

Protanomaly

13.3987, 12.7525, 18.2783

Deuteranomaly

13.7715, 12.8428, 16.7920

Tritanomaly

14.5520, 12.7667, 14.7940

Monochromacy



Original Color

15.0382, 12.8422, 17.0154

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.5247, 13.1555, 15.4621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0382, 12.8422, 17.0154 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(125, 90, 112)` looks like.

```
.text, #text, p{  
    color:rgb(125, 90, 112)  
}
```

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(125, 90, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 90, 112) }
```

Border

The CSS property to change the border of an element to XYZ 15.0382, 12.8422, 17.0154 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(125, 90, 112) }
```


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

```
.border{ border-color:rgb(125, 90, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 90, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 90, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 90, 112);  
box-shadow:4px 4px 4px 4px rgb(125, 90,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0382, 12.8422, 17.0154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 90, 112) }
```

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

```
.background{ background-color: rgb(125, 90,  
112) }
```

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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