

Converting Colors

XYZ(15.0988, 13.4314, 16.9890)

Have a look what the booklet for
XYZ(15.0988, 13.4314, 16.9890)
contains.

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Color

**XYZ(15.0957, 13.3862,
17.1174)**

Conversions

Conversions Part 1

Format	Color
Hex	7B5E70
RGB	123, 94, 112
RGB Percent	48%, 37%, 44%
CMY	0.5176, 0.6314, 0.5608
CMYK	0.00, 0.24, 0.09, 0.52
HSL	323°, 13%, 43%
HSV	323°, 24%, 48%
XYZ	15.0957, 13.3862, 17.1174
YIQ	104.7230, 11.5060, 11.7460

Conversions

Conversions Part 2

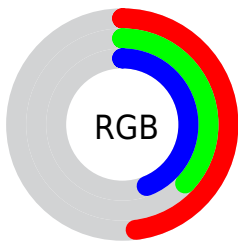
Format	Color
R_{YB}	123, 94, 112
Decimal	8085104
CIE _{Lab}	43.34, 15.00, -5.63
CIE _{LCh}	43, 16.024, 339.421
Yxy	13.3862, 0.3311, 0.2936
Android (android.graphics.Color)	4286275184 (0xFF7B5E70)
YUV	104.7230, 3.5876, 16.0289
Hunter-Lab	36.5872, 9.6208, -2.1280

Details

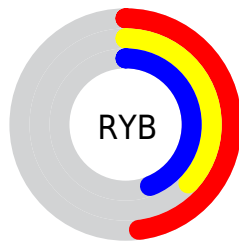
The XYZ color **15.0957, 13.3862, 17.1174** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.2494, 17.5659, 16.0049**, and the grayscale version is **13.3411, 14.0359, 15.2851**.

A 20% lighter version of the original color is **34.7307, 32.1612, 39.4992**, and **4.8064, 3.9399, 5.3576** is the 20% darker color. If you saturate the color by 10%, you get **13.8349, 11.2695, 15.4485**, and if you desaturate by 10%, it is **16.5451, 15.8582, 18.9159**.

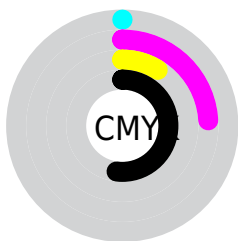
Distribution



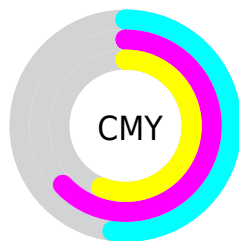
- Red (48%)
- Green (37%)
- Blue (44%)



- Red (48%)
- Yellow (37%)
- Blue (44%)



- Cyan (0%)
- Magenta (24%)
- Yellow (9%)
- Black (52%)



- Cyan (52%)
- Magenta (63%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0957, 13.3862, 17.1174 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 15.0957, 13.3862, 17.1174 by changing the saturation by 10% instead.

■ 15.0957, 13.3862,
17.1174

■ 15.0957, 13.3862,
17.1174

217.3216,
213.3782, 247.9148

■ 8.9733, 7.6950,
10.1554

■ 34.5913, 31.9959,
39.3209

■ 4.7808, 3.9004,
5.3952

■ 48.6952, 45.6832,
55.3995

■ 2.1526, 1.6180,
2.4182

■ 66.1903, 62.8046,
75.3541

■ 0.7176, 0.3697,
0.7963

■ 87.4420, 83.7447,
99.6031

■ 0.0000, 0.0000,
0.0000

112.8156,
108.8876, 128.5651

142.6765,

138.6179, 162.6588

177.3901,
173.3200, 202.3025

■ 15.0957, 13.3862,
17.1174

■ 15.0957, 13.3862,
17.1174

■ 13.8349, 11.2695,
15.4485

■ 16.5451, 15.8582,
18.9159

■ 12.7530, 9.4896,
13.9045

■ 18.1898, 18.6990,
20.8468

■ 11.8414, 8.0293,
12.4817

■ 20.0375, 21.9239,
22.9137

■ 11.0901, 6.8691,
11.1757

■ 22.0955, 25.5466,
25.1200

■ 10.4880, 5.9871,
9.9818

■ 24.3702, 29.5801,
27.4688

■ 10.0226, 5.3587,
8.8947

■ 26.8681, 34.0370,
29.9631

■ 9.6779, 4.9520,
7.9078

■ 29.5954, 38.9292,
32.6058

■ 9.4849, 4.7376,
7.3145

■ 32.5578, 44.2681,
35.3998

■ 35.7611, 50.0648,
38.3477

Harmonies

Analogous

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



14.3029, 13.3862, 20.5315



15.0957, 13.3862, 17.1174



15.2310, 13.3862, 13.4828

Triad

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



15.0957, 13.3862, 17.1174



12.3358, 13.3862, 8.8094



10.9639, 13.3862, 19.3710

Complementary

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



15.0957, 13.3862, 17.1174



14.2494, 17.5659, 16.0049

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.



10.5070, 13.3862, 15.7253



15.0957, 13.3862, 17.1174



11.2643, 13.3862, 9.8992

Square

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



15.0957, 13.3862, 17.1174



13.5823, 13.3862, 9.0581



10.6133, 13.3862, 12.2982



11.9010, 13.3862, 21.9726

Rectangle

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



15.0957, 13.3862, 17.1174



14.9218, 13.3862, 11.4634



10.6133, 13.3862, 12.2982



10.7519, 13.3862, 18.2048

Sweetspot

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



15.0961, 13.3868, 17.1177



31.4724, 31.5772, 36.0595



13.3611, 12.4172, 20.4316



7.3817, 7.3842, 8.4570



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.



15.0961, 13.3868, 17.1177



25.8372, 21.9561, 29.0964



14.3699, 13.0963, 13.2934



4.0931, 4.0529, 4.6877



9.8093, 4.8999, 7.5525



46.3671, 23.2032, 33.7927

Inverse Universe

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



15.0961, 13.3868, 17.1177



25.8372, 21.9561, 29.0964



15.0373, 17.8810, 20.1539



4.0931, 4.0529, 4.6877



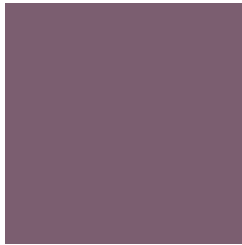
9.8093, 4.8999, 7.5525



46.3671, 23.2032, 33.7927

Previews

White Background



This preview shows how the XYZ color 15.0957, 13.3862, 17.1174 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 15.0957, 13.3862, 17.1174 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 15.0957, 13.3862, 17.1174

Background



This preview shows how black text looks on a background with the XYZ color 15.0957, 13.3862, 17.1174.



This preview shows how white text looks on a background with the XYZ color 15.0957, 13.3862,

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

15.0957, 13.3862, 17.1174

Protanopia

13.2178, 13.4964, 18.7380

Deuteranopia

13.7331, 13.5133, 16.9234



Tritanopia

14.6571, 13.4826, 14.6619

Trichromacy



Original Color

15.0957, 13.3862, 17.1174

Protanomaly

13.7407, 13.3496, 18.0722

Deuteranomaly

14.1764, 13.4605, 16.8899

Tritanomaly

14.7198, 13.3626, 15.4391

Monochromacy



Original Color

15.0957, 13.3862, 17.1174

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

14.0425, 13.8348, 16.1176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0957, 13.3862, 17.1174 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(123, 94, 112)` looks like.

```
.text, #text, p{  
    color:rgb(123, 94, 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(123, 94, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 94, 112) }
```

Border

The CSS property to change the border of an element to XYZ 15.0957, 13.3862, 17.1174 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(123, 94, 112) }
```


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

```
.border{ border-color:rgb(123, 94, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 94, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 94, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 94, 112);  
box-shadow:4px 4px 4px 4px rgb(123, 94,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0957, 13.3862, 17.1174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 94, 112) }
```

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

```
.background{ background-color: rgb(123, 94,  
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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