

Converting Colors

XYZ(15.1953, 13.4675, 15.7941)

Have a look what the booklet for
XYZ(15.1953, 13.4675, 15.7941)
contains.

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Color

**XYZ(15.1140, 13.4269,
15.7050)**

Conversions

Conversions Part 1

Format	Color
Hex	7D5E6B
RGB	125, 94, 107
RGB Percent	49%, 37%, 42%
CMY	0.5098, 0.6314, 0.5804
CMYK	0.00, 0.25, 0.14, 0.51
HSL	335°, 14%, 43%
HSV	335°, 25%, 49%
XYZ	15.1140, 13.4269, 15.7050
YIQ	104.7510, 14.3030, 10.6150

Conversions

Conversions Part 2

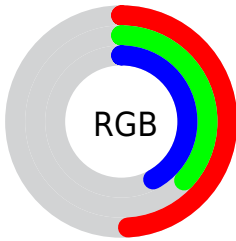
Format	Color
R_{YB}	125, 94, 107
Decimal	8216171
CIE _{Lab}	43.40, 14.85, -2.47
CIE _{LCh}	43, 15.056, 350.542
Yxy	13.4269, 0.3416, 0.3035
Android (android.graphics.Color)	4286406251 (0xFF7D5E6B)
YUV	104.7510, 1.1088, 17.7584
Hunter-Lab	36.6427, 9.5010, 0.2383

Details

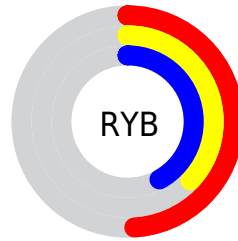
The XYZ color **15.1140, 13.4269, 15.7050** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.8749, 18.2171, 18.0623**, and the grayscale version is **13.3546, 14.0501, 15.3006**.

A 20% lighter version of the original color is **34.6571, 32.1844, 36.7333**, and **4.7742, 3.9360, 4.7831** is the 20% darker color. If you saturate the color by 10%, you get **13.7253, 11.2350, 13.4364**, and if you desaturate by 10%, it is **16.7156, 15.9929, 18.2030**.

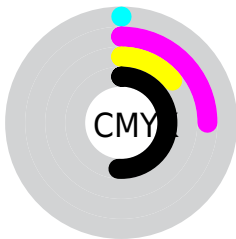
Distribution



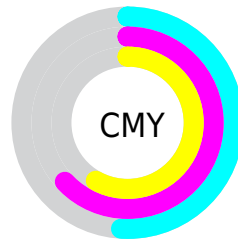
- Red (49%)
- Green (37%)
- Blue (42%)



- Red (49%)
- Yellow (37%)
- Blue (42%)



- Cyan (0%)
- Magenta (25%)
- Yellow (14%)
- Black (51%)



- Cyan (51%)
- Magenta (63%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1140, 13.4269, 15.7050 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 15.1140, 13.4269, 15.7050 by changing the saturation by 10% instead.

■ 15.1140, 13.4269,
15.7050

■ 15.1140, 13.4269,
15.7050

217.4299,
213.6358, 239.3806

■ 8.9863, 7.7232,
9.1636

■ 34.6231, 32.0686,
36.8449

■ 4.7893, 3.9183,
4.7498

■ 48.7351, 45.7754,
52.2805

■ 2.1576, 1.6280,
2.0450

■ 66.2393, 62.9187,
71.5179

■ 0.7203, 0.3764,
0.5828

■ 87.5010, 83.8828,
94.9756

■ 0.0000, 0.0000,
0.0000

112.8855,
109.0521, 123.0722

142.7583,

138.8112, 156.2262

177.4847,
173.5443, 194.8562

■ 15.1140, 13.4269,
15.7050

■ 15.1140, 13.4269,
15.7050

■ 13.7253, 11.2350,
13.4364

■ 16.7156, 15.9929,
18.2030

■ 12.5388, 9.3978,
11.3895

■ 18.5378, 18.9476,
20.9363

■ 11.5448, 7.8968,
9.5570

■ 20.5892, 22.3072,
23.9116

■ 10.7323, 6.7112,
7.9311

■ 22.8777, 26.0861,
27.1350

■ 10.0887, 5.8176,
6.5034

■ 25.4108, 30.2983,
30.6123

■ 9.6003, 5.1898,
5.2645

■ 28.1957, 34.9570,
34.3492

■ 9.2466, 4.7886,
4.2028

■ 31.2392, 40.0750,
38.3512

■ 9.0868, 4.6117,
3.7092

■ 34.5479, 45.6643,
42.6237

■ 38.1282, 51.7366,
47.1717

Harmonies

Analogous

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



14.5803, 13.4269, 19.1122



15.1140, 13.4269, 15.7050



14.9884, 13.4269, 12.4718

Triad

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



15.1140, 13.4269, 15.7050



11.9881, 13.4269, 9.3748



11.3839, 13.4269, 20.1844

Complementary

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



15.1140, 13.4269, 15.7050



14.8749, 18.2171, 18.0623

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.



10.7676, 13.4269, 17.0008



15.1140, 13.4269, 15.7050



11.1013, 13.4269, 10.8928

Square

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



15.1140, 13.4269, 15.7050



13.1354, 13.4269, 9.1371



10.6674, 13.4269, 13.5854



12.3955, 13.4269, 21.9468

Rectangle

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



15.1140, 13.4269, 15.7050



14.5504, 13.4269, 10.8162



10.6674, 13.4269, 13.5854



11.1263, 13.4269, 19.2240

Sweetspot

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



15.1144, 13.4275, 15.7053



32.3860, 32.6110, 36.2921



14.3320, 12.9031, 21.1374



7.3343, 7.3652, 8.2070



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.



15.1144, 13.4275, 15.7053



25.5466, 21.6393, 25.6671



14.6673, 13.5467, 12.4321



4.3968, 4.3719, 4.8938



9.4804, 4.8118, 3.8533



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.1144, 13.4275, 15.7053



25.5466, 21.6393, 25.6671



15.3929, 18.0101, 22.0672



4.3968, 4.3719, 4.8938



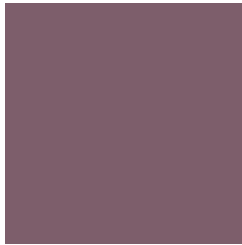
9.4804, 4.8118, 3.8533



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.1140, 13.4269, 15.7050 looks on a white background.

Color Contrast Check

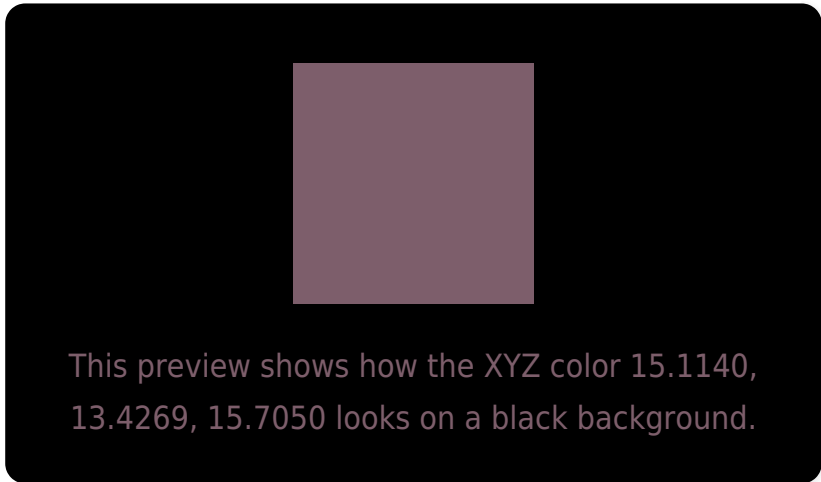
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.1140, 13.4269, 15.7050

Background



This preview shows how black text looks on a background with the XYZ color 15.1140, 13.4269, 15.7050.



This preview shows how white text looks on a background with the XYZ color 15.1140, 13.4269,

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

15.1140, 13.4269, 15.7050

Protanopia

13.1555, 13.4974, 17.2411

Deuteranopia

13.7142, 13.5345, 15.5253



Tritanopia

14.8027, 13.4288, 14.3822

Trichromacy



Original Color

15.1140, 13.4269, 15.7050

Protanomaly

13.7067, 13.3645, 16.6090

Deuteranomaly

14.1717, 13.4890, 15.4924

Tritanomaly

14.9031, 13.4690, 14.9110

Monochromacy



Original Color

15.1140, 13.4269, 15.7050

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.9373, 13.7927, 15.5634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1140, 13.4269, 15.7050 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, 94, 107)` looks like.

```
.text, #text, p{  
    color:rgb(125, 94, 107)  
}
```

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, 94, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 94, 107) }
```

Border

The CSS property to change the border of an element to XYZ 15.1140, 13.4269, 15.7050 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, 94, 107) }
```


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

```
.border{ border-color:rgb(125, 94, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 94, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 94, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 94, 107); box-shadow:4px 4px 4px 4px rgb(125, 94, 107) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1140, 13.4269, 15.7050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 94, 107) }
```

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

```
.background{ background-color: rgb(125, 94,  
107) }
```

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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