

Converting Colors

XYZ(16.1402, 13.7222, 15.5727)

Have a look what the booklet for
XYZ(16.1402, 13.7222, 15.5727)
contains.

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Color

**XYZ(16.1539, 13.7024,
15.7033)**

Conversions

Conversions Part 1

Format	Color
Hex	855C6B
RGB	133, 92, 107
RGB Percent	52%, 36%, 42%
CMY	0.4784, 0.6392, 0.5804
CMYK	0.00, 0.31, 0.20, 0.48
HSL	338°, 18%, 44%
HSV	338°, 31%, 52%
XYZ	16.1539, 13.7024, 15.7033
YIQ	105.9690, 19.6210, 13.3570

Conversions

Conversions Part 2

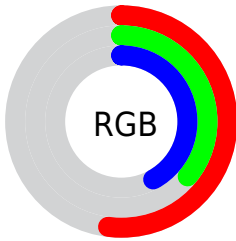
Format	Color
R_{YB}	133, 92, 107
Decimal	8739947
CIE _{Lab}	43.80, 19.19, -1.77
CIE _{LCh}	44, 19.270, 354.716
Yxy	13.7024, 0.3546, 0.3008
Android (android.graphics.Color)	4286930027 (0xFF855C6B)
YUV	105.9690, 0.5083, 23.7062
Hunter-Lab	37.0168, 13.1171, 0.7596

Details

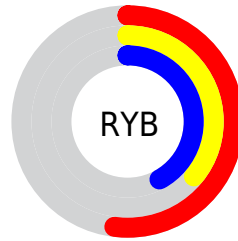
The XYZ color **16.1539, 13.7024, 15.7033** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.0718, 20.3588, 20.2232**, and the grayscale version is **13.6863, 14.3991, 15.6806**.

A 20% lighter version of the original color is **36.4875, 32.6783, 36.7322**, and **5.2337, 3.9969, 4.7706** is the 20% darker color. If you saturate the color by 10%, you get **14.6790, 11.4284, 13.1280**, and if you desaturate by 10%, it is **17.8752, 16.3995, 18.5746**.

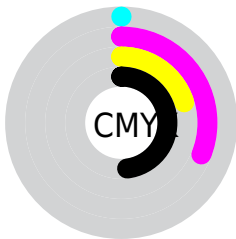
Distribution



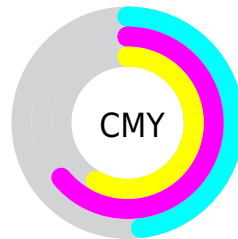
- Red (52%)
- Green (36%)
- Blue (42%)



- Red (52%)
- Yellow (36%)
- Blue (42%)



- Cyan (0%)
- Magenta (31%)
- Yellow (20%)
- Black (48%)



- Cyan (48%)
- Magenta (64%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.1539, 13.7024, 15.7033 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 16.1539, 13.7024, 15.7033 by changing the saturation by 10% instead.

■ 16.1539, 13.7024,
15.7033

■ 16.1539, 13.7024,
15.7033

223.5007,
215.3715, 239.3702

■ 9.7247, 7.9140,
9.1624

■ 36.4205, 32.5600,
36.8419

■ 5.2776, 4.0400,
4.7490

■ 50.9885, 46.3980,
52.2767

■ 2.4475, 1.6959,
2.0446

■ 69.0002, 63.6880,
71.5132

■ 0.8689, 0.4210,
0.5825

■ 90.8209, 84.8144,
94.9700

■ 0.0000, 0.0000,
0.0000

116.8159,
110.1615, 123.0655

147.3507,

140.1138, 156.2183

182.7905,
175.0557, 194.8471

■ 16.1539, 13.7024,
15.7033

■ 16.1539, 13.7024,
15.7033

■ 14.6790, 11.4284,
13.1280

■ 17.8752, 16.3995,
18.5746

■ 13.4375, 9.5541,
10.8380

■ 19.8526, 19.5380,
21.7506

■ 12.4170, 8.0564,
8.8227


■ 22.0969, 23.1373,
25.2407


■ 11.6033, 6.9093,
7.0709


■ 24.6179, 27.2151,
29.0534


■ 10.9806, 6.0832,
5.5701


■ 27.4247, 31.7881,
33.1972


 10.5304, 5.5439,
4.3069

 30.5262, 36.8722,
37.6799

 10.2201, 5.2054,
3.3335

 33.9307, 42.4828,
42.5093

 37.6463, 48.6344,
47.6929

 41.6808, 55.3410,
53.2378

Harmonies

Analogous

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



15.5564, 13.7024, 20.2917



16.1539, 13.7024, 15.7033



15.8611, 13.7024, 11.6883

Triad

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



16.1539, 13.7024, 15.7033



11.8403, 13.7024, 8.5380



11.4084, 13.7024, 22.8423

Complementary

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



16.1539, 13.7024, 15.7033



16.0718, 20.3588, 20.2232

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.



10.5466, 13.7024, 18.6974



16.1539, 13.7024, 15.7033



10.7821, 13.7024, 10.5906

Square

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



16.1539, 13.7024, 15.7033



13.2946, 13.7024, 8.0442



10.3265, 13.7024, 14.1624



12.7566, 13.7024, 24.8949

Rectangle

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



16.1539, 13.7024, 15.7033



15.2114, 13.7024, 9.7742



10.3265, 13.7024, 14.1624



11.0565, 13.7024, 21.6127

Sweetspot

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



16.1543, 13.7030, 15.7036



36.1699, 35.9758, 39.9247



15.5280, 13.1977, 23.9196



8.0400, 7.9313, 8.8234



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.



16.1543, 13.7030, 15.7036



27.0304, 21.6044, 24.8313



15.9231, 14.3958, 12.0654



4.7378, 4.7148, 5.2315



9.7383, 4.9597, 3.1944



0.0370, 0.0185, 0.0284

Inverse Universe

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



16.1543, 13.7030, 15.7036



27.0304, 21.6044, 24.8313



16.3062, 19.2861, 25.0537



4.7378, 4.7148, 5.2315



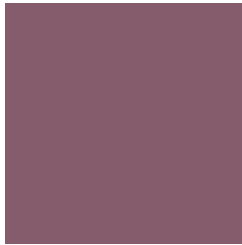
9.7383, 4.9597, 3.1944



0.0370, 0.0185, 0.0284

Previews

White Background



This preview shows how the XYZ color 16.1539, 13.7024, 15.7033 looks on a white background.

Color Contrast Check

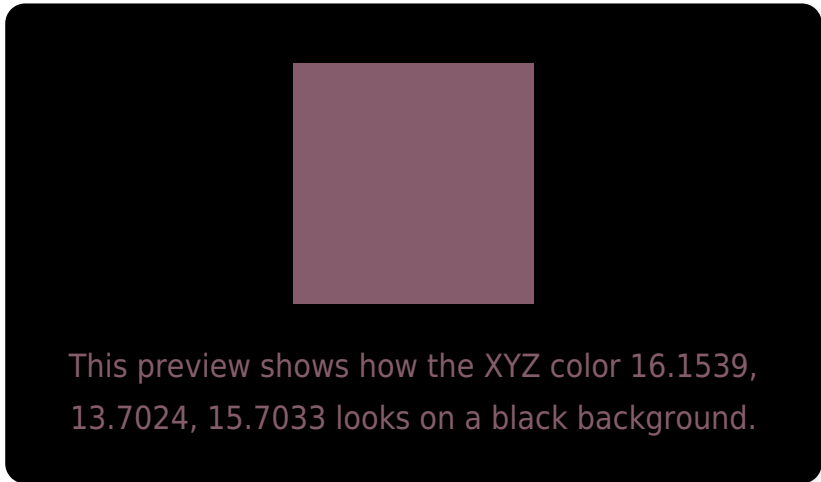
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.1539, 13.7024, 15.7033

Background



This preview shows how black text looks on a background with the XYZ color 16.1539, 13.7024, 15.7033.



This preview shows how white text looks on a background with the XYZ color 16.1539, 13.7024,

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

16.1539, 13.7024, 15.7033

Protanopia

13.4810, 13.7990, 17.8725

Deuteranopia

14.0135, 13.8380, 15.2970



Tritanopia

15.7303, 13.6543, 13.8631

Trichromacy



Original Color

16.1539, 13.7024, 15.7033

Protanomaly

14.2705, 13.6488, 16.9213

Deuteranomaly

14.7149, 13.7690, 15.5178

Tritanomaly

15.8783, 13.7135, 14.6421

Monochromacy



Original Color

16.1539, 13.7024, 15.7033

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.4577, 14.0610, 15.5877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.1539, 13.7024, 15.7033 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(133, 92, 107)` looks like.

```
.text, #text, p{  
    color:rgb(133, 92, 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(133, 92, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 92, 107) }
```

Border

The CSS property to change the border of an element to XYZ 16.1539, 13.7024, 15.7033 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(133, 92, 107) }
```


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

```
.border{ border-color:rgb(133, 92, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 92, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 92, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 92, 107);  
box-shadow:4px 4px 4px 4px rgb(133, 92,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 16.1539, 13.7024, 15.7033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 92, 107) }
```

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

```
.background{ background-color: rgb(133, 92,  
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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