

Converting Colors

XYZ(16.8432, 15.0119, 15.3745)

Have a look what the booklet for
XYZ(16.8432, 15.0119, 15.3745)
contains.

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Color

**XYZ(16.8432, 15.0119,
15.3745)**

Conversions

Conversions Part 1

Format	Color
Hex	866369
RGB	134, 99, 105
RGB Percent	53%, 39%, 41%
CMY	0.4745, 0.6118, 0.5882
CMYK	0.00, 0.26, 0.22, 0.47
HSL	350°, 15%, 46%
HSV	350°, 26%, 53%
XYZ	16.8432, 15.0119, 15.3745
YIQ	110.1490, 18.9340, 9.2860

Conversions

Conversions Part 2

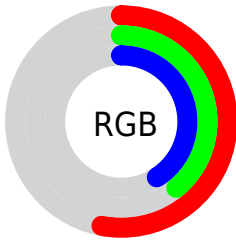
Format	Color
R_{YB}	134, 99, 105
Decimal	8807273
CIE Lab	45.65, 15.11, 2.15
CIE LCh	46, 15.261, 8.090
Yxy	15.0119, 0.3566, 0.3178
Android (android.graphics.Color)	4286997353 (0xFF866369)
YUV	110.1490, -2.5385, 20.9173
Hunter-Lab	38.7452, 9.7929, 3.5947




Details

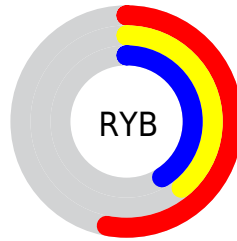
The XYZ color **16.8432, 15.0119, 15.3745** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.5676, 21.2618, 23.6011**, and the grayscale version is **14.8673, 15.6416, 17.0337**.




A 20% lighter version of the original color is **37.6461, 34.9044, 36.2055**, and **5.6479, 4.6463, 4.6021** is the 20% darker color. If you saturate the color by 10%, you get **15.1436, 12.4671, 12.1738**, and if you desaturate by 10%, it is **18.8289, 18.0093, 19.0386**.

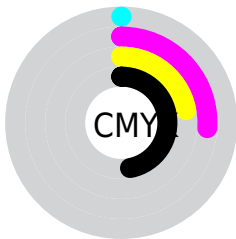
Distribution







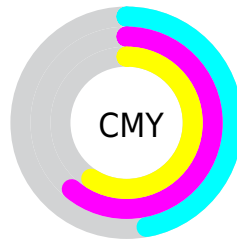
-  Red (53%)
-  Green (39%)
-  Blue (41%)






-  Red (53%)
-  Yellow (39%)
-  Blue (41%)



-  Cyan (0%)
-  Magenta (26%)
-  Yellow (22%)
-  Black (47%)



-  Cyan (47%)
-  Magenta (61%)
-  Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.8432, 15.0119, 15.3745 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 16.8432, 15.0119, 15.3745 by changing the saturation by 10% instead.

■ 16.8432, 15.0119,
15.3745

■ 16.8432, 15.0119,
15.3745

227.4411,
223.4382, 237.3403

■ 10.2174, 8.8277,
8.9331

■ 37.6017, 34.8741,
36.2604

■ 5.6067, 4.6290,
4.6014

■ 52.4651, 49.3208,
51.5420

■ 2.6458, 2.0313,
1.9607

■ 70.8051, 67.2906,
70.6073

■ 0.9694, 0.6255,
0.5310

■ 92.9870, 89.1678,
93.8751

■ 0.0000, 0.0000,
0.0000

119.3762,
115.3367, 121.7637

150.3381,

146.1819, 154.6917

186.2379,
182.0876, 193.0777

■ 16.8432, 15.0119,
15.3745

■ 16.8432, 15.0119,
15.3745

■ 15.1436, 12.4671,
12.1738

■ 18.8289, 18.0093,
19.0386

■ 13.7155, 10.3508,
9.4169

■ 21.1117, 21.4776,
23.1827

■ 12.5451, 8.6399,
7.0845

■ 23.7038, 25.4366,
27.8237

■ 11.6167, 7.3085,
5.1551

■ 26.6161, 29.9044,
32.9772

■ 10.9128, 6.3274,
3.6056

■ 29.8591, 34.8983,
38.6585

■ 10.4138, 5.6632,
2.4102

■ 33.4429, 40.4347,
44.8819

■ 10.0891, 5.2617,
1.5376

■ 37.3770, 46.5290,
51.6614

■ 9.9859, 5.1301,
1.2727

■ 41.6705, 53.1965,
59.0104

■ 46.3323, 60.4516,
66.9417

Harmonies

Analogous

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



16.6728, 15.0119, 19.1158



16.8432, 15.0119, 15.3745



16.2919, 15.0119, 12.3755

Triad

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



16.8432, 15.0119, 15.3745



12.8049, 15.0119, 11.4069



13.3706, 15.0119, 23.7860

Complementary

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



16.8432, 15.0119, 15.3745



17.5676, 21.2618, 23.6011

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.



12.4197, 15.0119, 21.0847



16.8432, 15.0119, 15.3745



12.1070, 15.0119, 13.8565

Square

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



16.8432, 15.0119, 15.3745



13.9252, 15.0119, 10.3190



11.9703, 15.0119, 17.3564



14.6171, 15.0119, 24.3535

Rectangle

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



16.8432, 15.0119, 15.3745



15.6076, 15.0119, 11.0678



11.9703, 15.0119, 17.3564



13.0080, 15.0119, 23.0798

Sweetspot

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



16.8436, 15.0126, 15.3748



36.3245, 36.5134, 39.2716



17.6050, 15.2025, 24.5610



8.0592, 8.0369, 8.6225



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.



16.8436, 15.0126, 15.3748



27.9492, 23.8591, 23.8517



17.6691, 17.1397, 14.1822



4.7028, 4.7008, 5.0470



9.3612, 4.8088, 1.2085



0.0343, 0.0174, 0.0141

Inverse Universe

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



16.8436, 15.0126, 15.3748



27.9492, 23.8591, 23.8517



16.5219, 18.5197, 25.2584



4.7028, 4.7008, 5.0470



9.3612, 4.8088, 1.2085



0.0343, 0.0174, 0.0141

Previews

White Background



This preview shows how the XYZ color 16.8432, 15.0119, 15.3745 looks on a white background.

Color Contrast Check

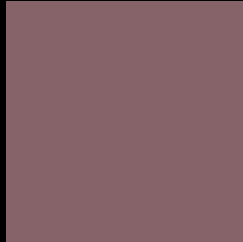
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.8432, 15.0119, 15.3745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

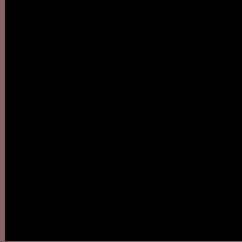
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.8432, 15.0119, 15.3745

Background



This preview shows how black text looks on a background with the XYZ color 16.8432, 15.0119, 15.3745.



This preview shows how white text looks on a background with the XYZ color 16.8432, 15.0119,

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

16.8432, 15.0119, 15.3745

Protanopia

14.6074, 15.1659, 16.9093

Deuteranopia

15.2960, 15.0957, 15.2043



Tritanopia

16.8949, 15.0326, 15.6468

Trichromacy



Original Color

16.8432, 15.0119, 15.3745

Protanomaly

15.3661, 15.1078, 16.2936

Deuteranomaly

15.8064, 15.0599, 15.1705

Tritanomaly

16.8949, 15.0326, 15.6468

Monochromacy



Original Color

16.8432, 15.0119, 15.3745

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.4686, 15.3127, 16.3277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.8432, 15.0119, 15.3745 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(134, 99, 105)` looks like.

```
.text, #text, p{  
    color:rgb(134, 99, 105)  
}
```

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(134, 99, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 99, 105) }
```

Border

The CSS property to change the border of an element to XYZ 16.8432, 15.0119, 15.3745 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(134, 99, 105) }
```


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

```
.border{ border-color:rgb(134, 99, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 99, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 99, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 99, 105);  
box-shadow:4px 4px 4px 4px rgb(134, 99,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 16.8432, 15.0119, 15.3745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 99, 105) }
```

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

```
.background{ background-color: rgb(134, 99,  
105) }
```

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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