

Converting Colors

XYZ(16.0375, 13.4006, 15.1059)

Have a look what the booklet for
XYZ(16.0375, 13.4006, 15.1059)
contains.

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Color

**XYZ(16.0375, 13.4006,
15.1059)**

Conversions

Conversions Part 1

Format	Color
Hex	865A69
RGB	134, 90, 105
RGB Percent	53%, 35%, 41%
CMY	0.4745, 0.6470, 0.5882
CMYK	0.00, 0.33, 0.22, 0.47
HSL	340°, 20%, 44%
HSV	340°, 33%, 53%
XYZ	16.0375, 13.4006, 15.1059
YIQ	104.8660, 21.4090, 13.9930

Conversions

Conversions Part 2

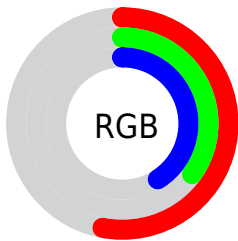
Format	Color
R_{YB}	134, 90, 105
Decimal	8804969
CIE Lab	43.36, 20.43, -1.19
CIE LCh	43, 20.462, 356.666
Yxy	13.4006, 0.3600, 0.3008
Android (android.graphics.Color)	4286995049 (0xFF865A69)
YUV	104.8660, 0.0661, 25.5505
Hunter-Lab	36.6068, 14.1391, 1.1586

Details

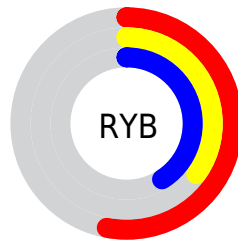
The XYZ color **16.0375, 13.4006, 15.1059** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.0719, 20.5561, 20.5745**, and the grayscale version is **13.3871, 14.0843, 15.3378**.

A 20% lighter version of the original color is **36.2647, 32.1414, 35.7450**, and **5.1949, 3.8722, 4.4766** is the 20% darker color. If you saturate the color by 10%, you get **14.5769, 11.1684, 12.4944**, and if you desaturate by 10%, it is **17.7498, 16.0604, 18.0343**.

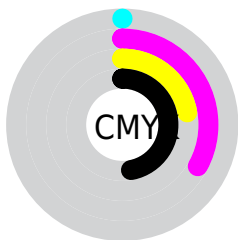
Distribution



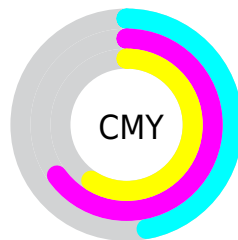
- Red (53%)
- Green (35%)
- Blue (41%)



- Red (53%)
- Yellow (35%)
- Blue (41%)



- Cyan (0%)
- Magenta (33%)
- Yellow (22%)
- Black (47%)



- Cyan (47%)
- Magenta (65%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0375, 13.4006, 15.1059 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 16.0375, 13.4006, 15.1059 by changing the saturation by 10% instead.

■ 16.0375, 13.4006,
15.1059

■ 16.0375, 13.4006,
15.1059

222.8289,
213.4693, 235.6691

■ 9.6417, 7.7050,
8.7463

■ 36.2202, 32.0216,
35.7838

■ 5.2225, 3.9068,
4.4815

■ 50.7378, 45.7158,
50.9391

■ 2.4145, 1.6215,
1.8931

■ 68.6935, 62.8450,
69.8635

■ 0.8523, 0.3721,
0.4883

■ 90.4524, 83.7935,
92.9754

■ 0.0000, 0.0000,
0.0000

■ 116.3801,
108.9458, 120.6933

146.8419,

138.6863, 153.4359

182.2030,
173.3994, 191.6217

■ 16.0375, 13.4006,
15.1059

■ 16.0375, 13.4006,
15.1059

■ 14.5769, 11.1684,
12.4944

■ 17.7498, 16.0604,
18.0343

■ 13.3544, 9.3396,
10.1878

■ 19.7243, 19.1669,
21.2893

■ 12.3571, 7.8901,
8.1744

■ 21.9719, 22.7401,
24.8813

■ 11.5699, 6.7927,
6.4414

■ 24.5029, 26.7982,
28.8199

■ 10.9760, 6.0165,
4.9749

■ 27.3270, 31.3587,
33.1145

■ 10.5558, 5.5248,
3.7596

■ 30.4533, 36.4379,
37.7737

■ 10.3184, 5.2631,
3.0235

■ 33.8905, 42.0515,
42.8062

■ 37.6470, 48.2147,
48.2202

■ 41.7310, 54.9417,
54.0238

Harmonies

Analogous

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



15.4643, 13.4006, 19.9478



16.0375, 13.4006, 15.1059



15.6674, 13.4006, 11.0053

Triad

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



16.0375, 13.4006, 15.1059



11.4141, 13.4006, 8.0844



11.1304, 13.4006, 23.1920

Complementary

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



16.0375, 13.4006, 15.1059



16.0719, 20.5561, 20.5745

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.



10.1966, 13.4006, 18.8815



16.0375, 13.4006, 15.1059



10.3506, 13.4006, 10.2908

Square

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



16.0375, 13.4006, 15.1059



12.9154, 13.4006, 7.4820



9.9233, 13.4006, 14.0879



12.5600, 13.4006, 25.1874

Rectangle

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



16.0375, 13.4006, 15.1059



14.9511, 13.4006, 9.1063



9.9233, 13.4006, 14.0879



10.7528, 13.4006, 21.9271

Sweetspot

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



16.0379, 13.4012, 15.1062



35.7397, 35.3346, 39.1053



15.5127, 12.9280, 24.2321



7.9496, 7.7985, 8.6452



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.



16.0379, 13.4012, 15.1062



26.4038, 20.7718, 23.3258



15.9153, 14.2828, 11.5917



4.7332, 4.7130, 5.2076



9.6744, 4.9341, 2.8580



0.0367, 0.0184, 0.0266

Inverse Universe

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



16.0379, 13.4012, 15.1062



26.4038, 20.7718, 23.3258



16.1612, 19.1776, 25.4043



4.7332, 4.7130, 5.2076



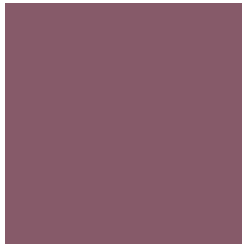
9.6744, 4.9341, 2.8580



0.0367, 0.0184, 0.0266

Previews

White Background



This preview shows how the XYZ color 16.0375, 13.4006, 15.1059 looks on a white background.

Color Contrast Check

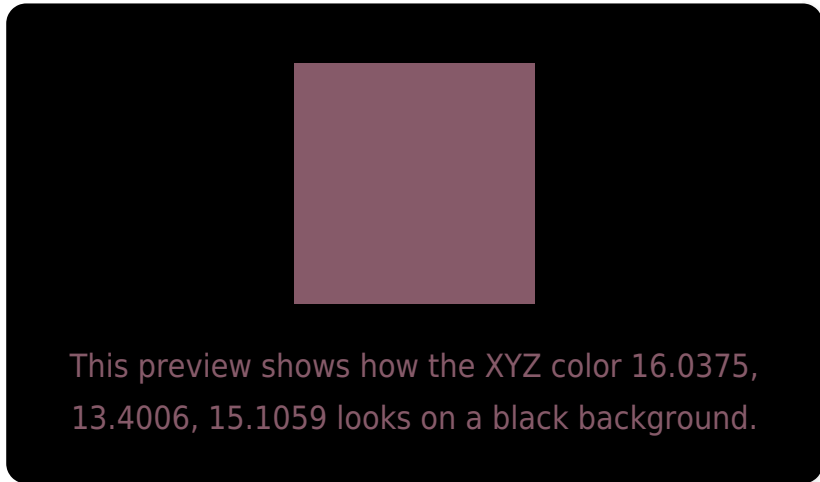
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.0375, 13.4006, 15.1059

Background



This preview shows how black text looks on a background with the XYZ color 16.0375, 13.4006, 15.1059.



This preview shows how white text looks on a background with the XYZ color 16.0375, 13.4006,

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

16.0375, 13.4006, 15.1059

Protanopia

13.1555, 13.4974, 17.2411

Deuteranopia

13.6874, 13.5384, 14.7237



Tritanopia

15.6186, 13.3506, 13.3090

Trichromacy



Original Color

16.0375, 13.4006, 15.1059

Protanomaly

14.0674, 13.4169, 16.3163

Deuteranomaly

14.4273, 13.3583, 14.9147

Tritanomaly

15.7629, 13.4083, 14.0692

Monochromacy



Original Color

16.0375, 13.4006, 15.1059

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

14.3094, 13.8473, 15.2832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0375, 13.4006, 15.1059 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, 90, 105)` looks like.

```
.text, #text, p{  
    color:rgb(134, 90, 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, 90, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 90, 105) }
```

Border

The CSS property to change the border of an element to XYZ 16.0375, 13.4006, 15.1059 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, 90, 105) }
```


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

```
.border{ border-color:rgb(134, 90, 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, 90, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 90, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 90, 105);  
box-shadow:4px 4px 4px 4px rgb(134, 90,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0375, 13.4006, 15.1059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 90, 105) }
```

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

```
.background{ background-color: rgb(134, 90,  
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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