

Converting Colors

XYZ(16.3917, 13.9119, 15.3994)

Have a look what the booklet for
XYZ(16.3917, 13.9119, 15.3994)
contains.

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Color

**XYZ(16.5075, 14.0202,
15.4718)**

Conversions

Conversions Part 1

Format	Color
Hex	875D6A
RGB	135, 93, 106
RGB Percent	53%, 36%, 42%
CMY	0.4706, 0.6353, 0.5843
CMYK	0.00, 0.31, 0.21, 0.47
HSL	341°, 18%, 45%
HSV	341°, 31%, 53%
XYZ	16.5075, 14.0202, 15.4718
YIQ	107.0400, 20.8590, 12.9470

Conversions

Conversions Part 2

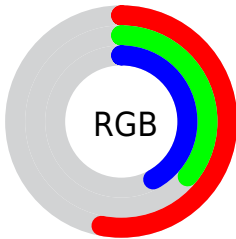
Format	Color
R_{YB}	135, 93, 106
Decimal	8871274
CIE Lab	44.26, 19.22, -0.47
CIE LCh	44, 19.222, 358.612
Yxy	14.0202, 0.3589, 0.3048
Android (android.graphics.Color)	4287061354 (0xFF875D6A)
YUV	107.0400, -0.5127, 24.5209
Hunter-Lab	37.4436, 13.1679, 1.7117

Details

The XYZ color **16.5075, 14.0202, 15.4718** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.6916, 21.0605, 21.5987**, and the grayscale version is **13.9839, 14.7121, 16.0215**.

A 20% lighter version of the original color is **37.0453, 33.1997, 36.3540**, and **5.4226, 4.1546, 4.6538** is the 20% darker color. If you saturate the color by 10%, you get **14.9668, 11.6729, 12.6951**, and if you desaturate by 10%, it is **18.3109, 16.8083, 18.5964**.

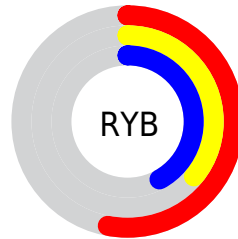
Distribution



Red (53%)

Green (36%)

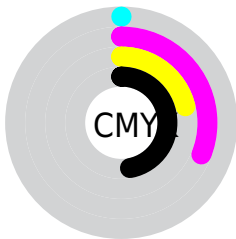
Blue (42%)



Red (53%)

Yellow (36%)

Blue (42%)

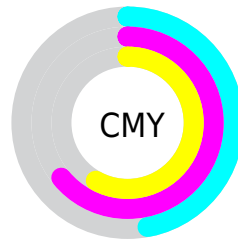


Cyan (0%)

Magenta (31%)

Yellow (21%)

Black (47%)



Cyan (47%)

Magenta (64%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5075, 14.0202, 15.4718 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 16.5075, 14.0202, 15.4718 by changing the saturation by 10% instead.

■ 16.5075, 14.0202,
15.4718

■ 16.5075, 14.0202,
15.4718

225.5300,
217.3565, 237.9427

■ 9.9771, 8.1347,
9.0009

■ 37.0274, 33.1249,
36.4327

■ 5.4459, 4.1813,
4.6449

■ 51.7476, 47.1128,
51.7598

■ 2.5486, 1.7755,
1.9854

■ 69.9285, 64.5704,
70.8759

■ 0.9198, 0.4718,
0.5463

■ 91.9354, 85.8820,
94.1998

■ 0.0000, 0.0000,
0.0000

118.1336,
111.4320, 122.1499

148.8886,

141.6048, 155.1447

184.5656,
176.7849, 193.6028

■ 16.5075, 14.0202,
15.4718

■ 16.5075, 14.0202,
15.4718

■ 14.9668, 11.6729,
12.6951

■ 18.3109, 16.8083,
18.5964

■ 13.6750, 9.7417,
10.2530

■ 20.3876, 20.0563,
22.0800

■ 12.6187, 8.2026,
8.1324


■ 22.7491, 23.7845,
25.9339


■ 11.7826, 7.0283,
6.3191

■ 25.4058, 28.0114,
30.1691


■ 11.1498, 6.1877,
4.7977


■ 28.3676, 32.7545,
34.7958


 10.7004, 5.6448,
3.5510

 31.6440, 38.0306,
39.8239

 10.4057, 5.3165,
2.6476

 35.2440, 43.8556,
45.2629

 39.1763, 50.2447,
51.1221

 43.4491, 57.2126,
57.4103

Harmonies

Analogous

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



16.0141, 14.0202, 20.1173



16.5075, 14.0202, 15.4718



16.0953, 14.0202, 11.5571

Triad

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



16.5075, 14.0202, 15.4718



11.9587, 14.0202, 8.9703



11.8436, 14.0202, 23.7007

Complementary

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



16.5075, 14.0202, 15.4718



16.6916, 21.0605, 21.5987

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.



10.8937, 14.0202, 19.6930



16.5075, 14.0202, 15.4718



10.9565, 14.0202, 11.2643

Square

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



16.5075, 14.0202, 15.4718



13.3976, 14.0202, 8.2655



10.5817, 14.0202, 15.0613



13.2542, 14.0202, 25.3989

Rectangle

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



16.5075, 14.0202, 15.4718



15.3790, 14.0202, 9.7505



10.5817, 14.0202, 15.0613



11.4640, 14.0202, 22.5453

Sweetspot

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



16.5079, 14.0209, 15.4721



37.2768, 37.1228, 40.8053



16.2716, 13.6944, 24.7073



8.5121, 8.4072, 9.2510



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



16.5079, 14.0209, 15.4721



27.6576, 22.1987, 24.2984



16.5925, 15.1911, 12.4144



4.7275, 4.7107, 5.1776



9.6008, 4.9047, 2.4703



0.0362, 0.0182, 0.0243

Inverse Universe

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



16.5079, 14.0209, 15.4721



27.6576, 22.1987, 24.2984



16.5160, 19.3331, 25.7829



4.7275, 4.7107, 5.1776



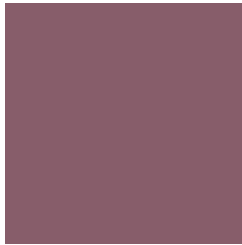
9.6008, 4.9047, 2.4703



0.0362, 0.0182, 0.0243

Previews

White Background



This preview shows how the XYZ color 16.5075, 14.0202, 15.4718 looks on a white background.

Color Contrast Check

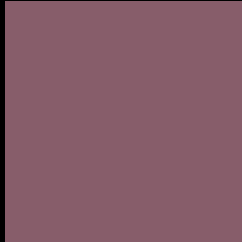
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.5075, 14.0202, 15.4718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

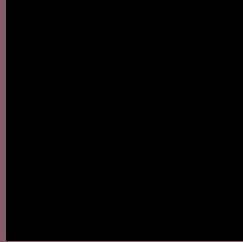
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.5075, 14.0202, 15.4718

Background



This preview shows how black text looks on a background with the XYZ color 16.5075, 14.0202, 15.4718.



This preview shows how white text looks on a background with the XYZ color 16.5075, 14.0202,

15.4718.

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

16.5075, 14.0202, 15.4718

Protanopia

13.7566, 14.0961, 17.6186

Deuteranopia

14.3203, 14.1471, 15.0726



Tritanopia

16.1832, 14.0133, 14.1638

Trichromacy



Original Color

16.5075, 14.0202, 15.4718

Protanomaly

14.5741, 13.9531, 16.6769

Deuteranomaly

15.0377, 14.0812, 15.2900

Tritanomaly

16.2824, 14.0530, 14.6863

Monochromacy



Original Color

16.5075, 14.0202, 15.4718

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.7413, 14.3462, 15.9021

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5075, 14.0202, 15.4718 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(135, 93, 106)` looks like.

```
.text, #text, p{  
    color:rgb(135, 93, 106)  
}
```

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(135, 93, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 93, 106) }
```

Border

The CSS property to change the border of an element to XYZ 16.5075, 14.0202, 15.4718 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(135, 93, 106) }
```


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

```
.border{ border-color:rgb(135, 93, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 93, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 93, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 93, 106); box-shadow:4px 4px 4px 4px rgb(135, 93, 106) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5075, 14.0202, 15.4718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 93, 106) }
```

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

```
.background{ background-color: rgb(135, 93,  
106) }
```

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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