

Converting Colors

XYZ(16.7870, 14.2588, 16.3586)

Have a look what the booklet for
XYZ(16.7870, 14.2588, 16.3586)
contains.

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Color

**XYZ(16.7547, 14.2604,
16.3375)**

Conversions

Conversions Part 1

Format	Color
Hex	875E6D
RGB	135, 94, 109
RGB Percent	53%, 37%, 43%
CMY	0.4706, 0.6314, 0.5725
CMYK	0.00, 0.30, 0.19, 0.47
HSL	338°, 18%, 45%
HSV	338°, 30%, 53%
XYZ	16.7547, 14.2604, 16.3375
YIQ	107.9690, 19.6210, 13.3570

Conversions

Conversions Part 2

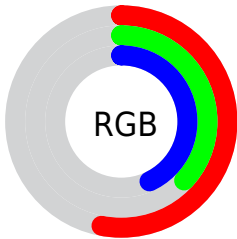
Format	Color
R_{YB}	135, 94, 109
Decimal	8871533
CIE _{Lab}	44.60, 19.13, -1.79
CIE _{LCh}	45, 19.210, 354.662
Yxy	14.2604, 0.3538, 0.3012
Android (android.graphics.Color)	4287061613 (0xFF875E6D)
YUV	107.9690, 0.5083, 23.7062
Hunter-Lab	37.7629, 13.1119, 0.7832

Details

The XYZ color **16.7547, 14.2604, 16.3375** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.6708, 21.0641, 20.9574**, and the grayscale version is **14.2403, 14.9819, 16.3152**.

A 20% lighter version of the original color is **37.4568, 33.6077, 37.7704**, and **5.5422, 4.2656, 5.0887** is the 20% darker color. If you saturate the color by 10%, you get **15.2190, 11.8909, 13.6614**, and if you desaturate by 10%, it is **18.5461, 17.0692, 19.3207**.

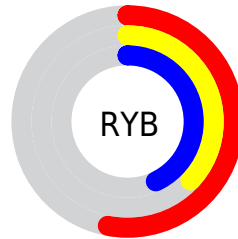
Distribution



Red (53%)

Green (37%)

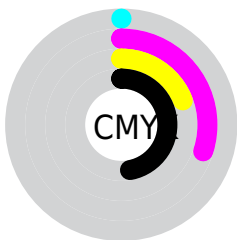
Blue (43%)



Red (53%)

Yellow (37%)

Blue (43%)

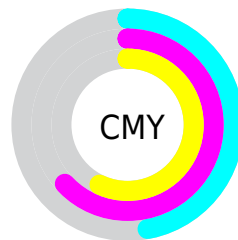


Cyan (0%)

Magenta (30%)

Yellow (19%)

Black (47%)



Cyan (47%)

Magenta (63%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.7547, 14.2604, 16.3375 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 16.7547, 14.2604, 16.3375 by changing the saturation by 10% instead.

■ 16.7547, 14.2604,
16.3375

■ 16.7547, 14.2604,
16.3375

226.9387,
218.8448, 243.2384

■ 10.1540, 8.3020,
9.6064

■ 37.4505, 33.5504,
37.9580

■ 5.5642, 4.2888,
5.0366

■ 52.2763, 47.6507,
53.6845

■ 2.6201, 1.8364,
2.2096

■ 70.5745, 65.2338,
73.2465

■ 0.9562, 0.5097,
0.6799

■ 92.7104, 86.6841,
97.0626

■ 0.0000, 0.0000,
0.0000

119.0494,
112.3860, 125.5513

149.9569,

142.7238, 159.1311

185.7982,
178.0819, 198.2207

■ 16.7547, 14.2604,
16.3375

■ 16.7547, 14.2604,
16.3375

■ 15.2190, 11.8909,
13.6614

■ 18.5461, 17.0692,
19.3207

■ 13.9255, 9.9362,
11.2812

■ 20.6034, 20.3360,
22.6199

■ 12.8615, 8.3727,
9.1860


■ 22.9376, 24.0810,
26.2448


■ 12.0123, 7.1734,
7.3642


■ 25.5588, 28.3225,
30.2044

■ 11.3615, 6.3078,
5.8029


■ 28.4766, 33.0777,
34.5072


 10.8901, 5.7406,
4.4881

 31.7000, 38.3633,
39.1616

 10.5543, 5.3760,
3.4300

 35.2377, 44.1949,
44.1755

 39.0981, 50.5877,
49.5566

 43.2893, 57.5562,
55.3124

Harmonies

Analogous

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



16.1427, 14.2604, 21.0258



16.7547, 14.2604, 16.3375



16.4572, 14.2604, 12.2208

Triad

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



16.7547, 14.2604, 16.3375



12.3442, 14.2604, 8.9723



11.8971, 14.2604, 23.6133

Complementary

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



16.7547, 14.2604, 16.3375



16.6708, 21.0641, 20.9574

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.



11.0142, 14.2604, 19.3818



16.7547, 14.2604, 16.3375



11.2582, 14.2604, 11.0819

Square

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



16.7547, 14.2604, 16.3375



13.8342, 14.2604, 8.4660



10.7895, 14.2604, 14.7441



13.2778, 14.2604, 25.7100

Rectangle

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



16.7547, 14.2604, 16.3375



15.7941, 14.2604, 10.2518



10.7895, 14.2604, 14.7441



11.5365, 14.2604, 22.3584

Sweetspot

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



16.7551, 14.2611, 16.3378



37.3583, 37.1554, 41.2346



16.1175, 13.7461, 24.7256



8.5334, 8.4157, 9.3631



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.



16.7551, 14.2611, 16.3378



28.1830, 22.7186, 26.1103



16.5187, 14.9721, 12.6097



4.7378, 4.7148, 5.2315



9.7384, 4.9597, 3.1946



0.0370, 0.0185, 0.0284

Inverse Universe

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



16.7551, 14.2611, 16.3378



28.1830, 22.7186, 26.1103



16.9104, 19.9708, 25.8853



4.7378, 4.7148, 5.2315



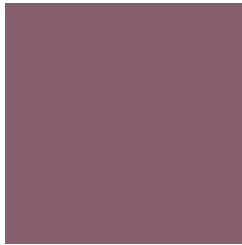
9.7384, 4.9597, 3.1946



0.0370, 0.0185, 0.0284

Previews

White Background



This preview shows how the XYZ color 16.7547, 14.2604, 16.3375 looks on a white background.

Color Contrast Check

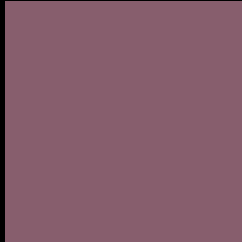
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.7547, 14.2604, 16.3375 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 16.7547, 14.2604, 16.3375

Background



This preview shows how black text looks on a background with the XYZ color 16.7547, 14.2604, 16.3375.



This preview shows how white text looks on a background with the XYZ color 16.7547, 14.2604,

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

16.7547, 14.2604, 16.3375

Protanopia

14.0297, 14.3674, 18.5567

Deuteranopia

14.4754, 14.2091, 15.8896



Tritanopia

16.3220, 14.2121, 14.4533

Trichromacy



Original Color

16.7547, 14.2604, 16.3375

Protanomaly

14.8368, 14.2126, 17.5841

Deuteranomaly

15.1947, 14.1440, 16.1166

Tritanomaly

16.4735, 14.2727, 15.2513

Monochromacy



Original Color

16.7547, 14.2604, 16.3375

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

15.0282, 14.6348, 16.2201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.7547, 14.2604, 16.3375 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, 94, 109)` looks like.

```
.text, #text, p{  
    color:rgb(135, 94, 109)  
}
```

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, 94, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 94, 109) }
```

Border

The CSS property to change the border of an element to XYZ 16.7547, 14.2604, 16.3375 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, 94, 109) }
```


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

```
.border{ border-color:rgb(135, 94, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 94, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 94, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 94, 109);  
box-shadow:4px 4px 4px 4px rgb(135, 94,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 16.7547, 14.2604, 16.3375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 94, 109) }
```

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

```
.background{ background-color: rgb(135, 94,  
109) }
```

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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