

Converting Colors

XYZ(17.0617, 16.2692, 15.0224)

Have a look what the booklet for
XYZ(17.0617, 16.2692, 15.0224)
contains.

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Color

**XYZ(17.0659, 16.3200,
15.0826)**

Conversions

Conversions Part 1

Format	Color
Hex	836B67
RGB	131, 107, 103
RGB Percent	51%, 42%, 40%
CMY	0.4863, 0.5804, 0.5961
CMYK	0.00, 0.18, 0.21, 0.49
HSL	9°, 12%, 46%
HSV	9°, 21%, 51%
XYZ	17.0659, 16.3200, 15.0826
YIQ	113.7200, 15.5880, 3.8440

Conversions

Conversions Part 2

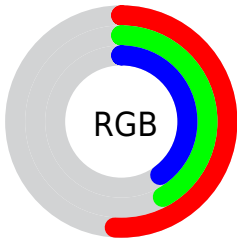
Format	Color
R_{YB}	131, 108, 103
Decimal	8612711
CIE _{Lab}	47.39, 8.84, 5.81
CIE _{LCh}	47, 10.577, 33.336
Yxy	16.3200, 0.3521, 0.3367
Android (android.graphics.Color)	4286802791 (0xFF836B67)
YUV	113.7200, -5.2850, 15.1546
Hunter-Lab	40.3980, 4.7097, 6.1427

Details

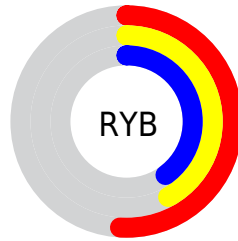
The XYZ color **17.0659, 16.3200, 15.0826** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.2793, 19.7002, 24.3644**, and the grayscale version is **15.9228, 16.7520, 18.2430**.

A 20% lighter version of the original color is **37.8268, 36.9772, 35.7155**, and **5.7230, 5.2666, 4.4563** is the 20% darker color. If you saturate the color by 10%, you get **15.3638, 13.8868, 11.5214**, and if you desaturate by 10%, it is **19.0239, 19.0999, 19.2378**.

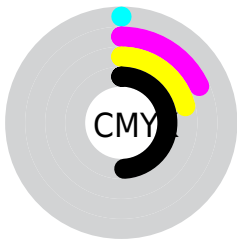
Distribution



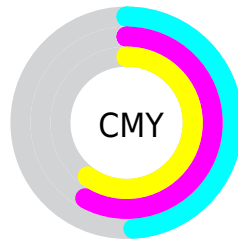
- Red (51%)
- Green (42%)
- Blue (40%)



- Red (51%)
- Yellow (42%)
- Blue (40%)



- Cyan (0%)
- Magenta (18%)
- Yellow (21%)
- Black (49%)



- Cyan (49%)
- Magenta (58%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0659, 16.3200, 15.0826 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 17.0659, 16.3200, 15.0826 by changing the saturation by 10% instead.

■ 17.0659, 16.3200,
15.0826

■ 17.0659, 16.3200,
15.0826

228.7007,
231.2226, 235.5236

■ 10.3771, 9.7509,
8.7301

■ 37.9817, 37.1529,
35.7424

■ 5.7139, 5.2341,
4.4712

■ 52.9395, 52.1854,
50.8867

■ 2.7109, 2.3853,
1.8872

■ 71.3842, 70.8078,
69.7988

■ 1.0028, 0.8183,
0.4846

■ 93.6814, 93.4046,
92.8971

■ 0.0000, 0.0000,
0.0000

120.1962,
120.3600, 120.6002

151.2941,

152.0586, 153.3266

187.3405,
188.8847, 191.4949

■ 17.0659, 16.3200,
15.0826

■ 17.0659, 16.3200,
15.0826

■ 15.3638, 13.8868,
11.5214

■ 19.0239, 19.0999,
19.2378

■ 13.9057, 11.7846,
8.5261

■ 21.2466, 22.2371,
24.0113

■ 12.6807, 9.9996,
6.0678

■ 23.7437, 25.7444,
29.4275

■ 11.6766, 8.5164,
4.1145

■ 26.5242, 29.6333,
35.5090

■ 10.8800, 7.3182,
2.6309

■ 29.5966, 33.9151,
42.2772

■ 10.2758, 6.3864,
1.5773

■ 32.9693, 38.6001,
49.7529

■ 9.8473, 5.7004,
0.9071

■ 36.6500, 43.6987,
57.9556

■ 9.5883, 5.2819,
0.5141

■ 40.6463, 49.2207,
66.9043

■ 44.9655, 55.1756,
76.6173

Harmonies

Analogous

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



17.3804, 16.3200, 17.4712



17.0659, 16.3200, 15.0826



16.3342, 16.3200, 13.5464

Triad

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



17.0659, 16.3200, 15.0826



13.9569, 16.3200, 15.5536



15.6167, 16.3200, 23.4338

Complementary

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



17.0659, 16.3200, 15.0826



17.2793, 19.7002, 24.3644

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.



14.7172, 16.3200, 22.7905



17.0659, 16.3200, 15.0826



13.7819, 16.3200, 18.0716

Square

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



17.0659, 16.3200, 15.0826



14.5426, 16.3200, 13.7985



14.0548, 16.3200, 20.7584



16.5229, 16.3200, 22.4379

Rectangle

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



17.0659, 16.3200, 15.0826



15.7217, 16.3200, 13.1222



14.0548, 16.3200, 20.7584



15.3036, 16.3200, 23.4024

Sweetspot

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



17.0663, 16.3207, 15.0829



36.0913, 37.0636, 38.7849



18.0585, 16.0652, 22.3190



8.3535, 8.5596, 8.9241



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.



17.0663, 16.3207, 15.0829



28.9130, 26.8733, 23.5473



18.6133, 19.4146, 15.5986



4.7224, 4.7883, 4.9047



9.4396, 5.2019, 0.5065



0.0359, 0.0244, 0.0028

Inverse Universe

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



17.2793, 19.7002, 24.3644



29.3690, 34.1329, 43.4935



15.6253, 16.3923, 23.8131



4.7464, 5.1685, 5.9482



9.7671, 13.0820, 23.1470



0.0377, 0.0530, 0.0815

Previews

White Background



This preview shows how the XYZ color 17.0659, 16.3200, 15.0826 looks on a white background.

Color Contrast Check

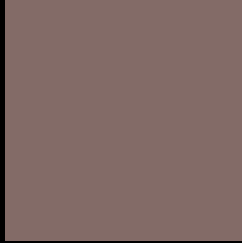
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.0659, 16.3200, 15.0826 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 17.0659, 16.3200, 15.0826

Background



This preview shows how black text looks on a background with the XYZ color 17.0659, 16.3200, 15.0826.

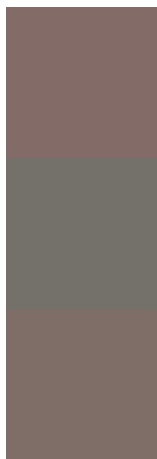


This preview shows how white text looks on a background with the XYZ color 17.0659, 16.3200,

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

17.0659, 16.3200, 15.0826

Protanopia

15.5981, 16.3420, 15.9679

Deuteranopia

16.6692, 16.4286, 15.1244



Tritanopia

17.6046, 16.2236, 18.1232

Trichromacy



Original Color

17.0659, 16.3200, 15.0826

Protanomaly

16.0109, 16.2367, 15.6547

Deuteranomaly

16.7128, 16.2936, 15.0961

Tritanomaly

17.4842, 16.3394, 16.9842

Monochromacy



Original Color

17.0659, 16.3200, 15.0826

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.2446, 16.4877, 17.0781

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0659, 16.3200, 15.0826 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(131, 107, 103)` looks like.

```
.text, #text, p{  
    color:rgb(131, 107, 103)  
}
```

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(131, 107, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 107, 103) }
```

Border

The CSS property to change the border of an element to XYZ 17.0659, 16.3200, 15.0826 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(131, 107, 103) }
```


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

```
.border{ border-color:rgb(131, 107, 103) }
```

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

Here you see how a box with a 4 pixel rgb(131, 107, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 107, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 107, 103);  
box-shadow:4px 4px 4px 4px rgb(131, 107,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0659, 16.3200, 15.0826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 107, 103) }
```

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

```
.background{ background-color: rgb(131,  
107, 103) }
```

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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