

Converting Colors

XYZ(18.0326, 17.2547, 17.2687)

Have a look what the booklet for
XYZ(18.0326, 17.2547, 17.2687)
contains.

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Color

**XYZ(18.0633, 17.2642,
17.1321)**

Conversions

Conversions Part 1

Format	Color
Hex	856E6E
RGB	133, 110, 110
RGB Percent	52%, 43%, 43%
CMY	0.4784, 0.5686, 0.5686
CMYK	0.00, 0.17, 0.17, 0.48
HSL	0°, 9%, 48%
HSV	0°, 17%, 52%
XYZ	18.0633, 17.2642, 17.1321
YIQ	116.8770, 13.7080, 4.8760

Conversions

Conversions Part 2

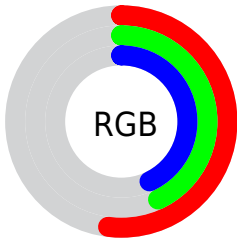
Format	Color
R_{YB}	133, 110, 110
Decimal	8744558
CIE Lab	48.59, 9.06, 3.39
CIE LCh	49, 9.672, 20.528
Yxy	17.2642, 0.3443, 0.3291
Android (android.graphics.Color)	4286934638 (0xFF856E6E)
YUV	116.8770, -3.3904, 14.1399
Hunter-Lab	41.5502, 4.8872, 4.6385

Details

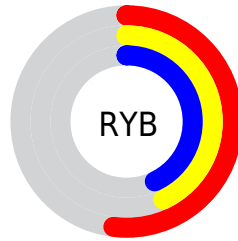
The XYZ color **18.0633, 17.2642, 17.1321** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.0515, 21.7831, 25.3910**, and the grayscale version is **16.8780, 17.7570, 19.3374**.

A 20% lighter version of the original color is **39.6916, 38.8884, 39.5967**, and **6.1871, 5.6431, 5.4658** is the 20% darker color. If you saturate the color by 10%, you get **16.0642, 14.3390, 13.1572**, and if you desaturate by 10%, it is **20.3875, 20.6651, 21.7520**.

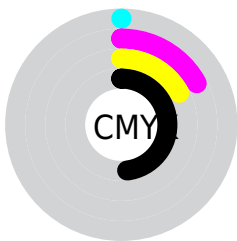
Distribution



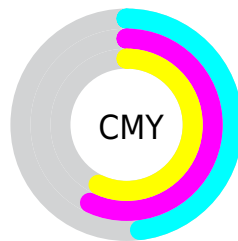
- Red (52%)
- Green (43%)
- Blue (43%)



- Red (52%)
- Yellow (43%)
- Blue (43%)



- Cyan (0%)
- Magenta (17%)
- Yellow (17%)
- Black (48%)



- Cyan (48%)
- Magenta (57%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0633, 17.2642, 17.1321 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 18.0633, 17.2642, 17.1321 by changing the saturation by 10% instead.

■ 18.0633, 17.2642,
17.1321

■ 18.0633, 17.2642,
17.1321

234.2663,
236.6903, 248.0022

■ 11.0954, 10.4230,
10.1658

■ 39.6744, 38.7795,
39.3465

■ 6.1988, 5.6803,
5.4020

■ 55.0483, 54.2224,
55.4317

■ 3.0081, 2.6517,
2.4222

■ 73.9549, 73.3013,
75.3936

■ 1.1581, 0.9527,
0.7985

■ 96.7596, 96.4007,
99.6506

■ 0.0729, 0.0000,
0.0000

123.8278,
123.9049, 128.6215

■ 0.0000, 0.0000,
0.0000

155.5247,

156.1983, 162.7247

192.2157,
193.6653, 202.3787

■ 18.0633, 17.2642,
17.1321

■ 18.0633, 17.2642,
17.1321

■ 16.0642, 14.3390,
13.1572

■ 20.3875, 20.6651,
21.7520

■ 14.3743, 11.8662,
9.7977

■ 23.0487, 24.5592,
27.0427

■ 12.9785, 9.8239,
7.0231

■ 26.0603, 28.9659,
33.0298

■ 11.8602, 8.1874,
4.8001

■ 29.4342, 33.9028,
39.7374

■ 11.0008, 6.9298,
3.0917

■ 33.1819, 39.3867,
47.1882

■ 10.3795, 6.0207,
1.8568

■ 37.3146, 45.4337,
55.4042

■ 9.9725, 5.4250,
1.0477

■ 41.8425, 52.0592,
64.4063

■ 9.7319, 5.0730,
0.5696

■ 46.7760, 59.2781,
74.2145

■ 9.6731, 4.9869,
0.4527

■ 52.1248, 67.1045,
84.8484

Harmonies

Analogous

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



18.1544, 17.2642, 19.6153



18.0633, 17.2642, 17.1321



17.5204, 17.2642, 15.2649

Triad

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



18.0633, 17.2642, 17.1321



15.1241, 17.2642, 15.8531



16.1293, 17.2642, 24.0543

Complementary

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



18.0633, 17.2642, 17.1321



19.0515, 21.7831, 25.3910

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.



15.3458, 17.2642, 22.8376



18.0633, 17.2642, 17.1321



14.7794, 17.2642, 18.0033

Square

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



18.0633, 17.2642, 17.1321



15.8167, 17.2642, 14.5741



14.8591, 17.2642, 20.5681



17.0161, 17.2642, 23.7676

Rectangle

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



18.0633, 17.2642, 17.1321



16.9858, 17.2642, 14.5480



14.8591, 17.2642, 20.5681



15.8456, 17.2642, 23.8037

Sweetspot

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



18.0638, 17.2650, 17.1325



37.4958, 38.4500, 40.9140



19.4827, 17.8321, 24.6057



8.3861, 8.5726, 9.0955



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.



18.0638, 17.2650, 17.1325



30.7808, 28.6242, 27.5643



19.3859, 19.9092, 17.5732



4.6726, 4.6888, 4.8881



9.2138, 4.7501, 0.4312



0.0319, 0.0165, 0.0015

Inverse Universe

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



19.0515, 21.7831, 25.3910



32.9154, 38.3890, 45.4134



17.5626, 18.8053, 24.8947



4.8016, 5.2788, 5.9666



12.0200, 17.5877, 23.8979



0.0416, 0.0609, 0.0828

Previews

White Background



This preview shows how the XYZ color 18.0633, 17.2642, 17.1321 looks on a white background.

Color Contrast Check

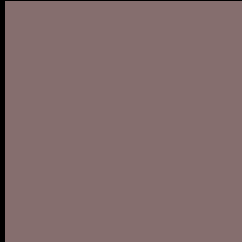
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.0633, 17.2642, 17.1321 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 18.0633, 17.2642, 17.1321

Background



This preview shows how black text looks on a background with the XYZ color 18.0633, 17.2642, 17.1321.



This preview shows how white text looks on a background with the XYZ color 18.0633, 17.2642,

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

18.0633, 17.2642, 17.1321

Protanopia

16.5826, 17.3053, 18.0890

Deuteranopia

17.6619, 17.3813, 17.1759



Tritanopia

18.5110, 17.2900, 19.1913

Trichromacy



Original Color

18.0633, 17.2642, 17.1321

Protanomaly

16.9981, 17.1911, 17.7515

Deuteranomaly

17.7048, 17.2405, 17.1465

Tritanomaly

18.3374, 17.2205, 18.2770

Monochromacy



Original Color

18.0633, 17.2642, 17.1321

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.2230, 17.4605, 18.3821

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0633, 17.2642, 17.1321 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(133, 110, 110)` looks like.

```
.text, #text, p{  
    color:rgb(133, 110, 110)  
}
```

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(133, 110, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 110, 110) }
```

Border

The CSS property to change the border of an element to XYZ 18.0633, 17.2642, 17.1321 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(133, 110, 110) }
```


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

```
.border{ border-color:rgb(133, 110, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 110, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 110, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 110, 110);  
box-shadow:4px 4px 4px 4px rgb(133, 110,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0633, 17.2642, 17.1321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 110, 110) }
```

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

```
.background{ background-color: rgb(133,  
110, 110) }
```

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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