

Converting Colors

XYZ(18.2300, 16.8585, 17.9160)

Have a look what the booklet for
XYZ(18.2300, 16.8585, 17.9160)
contains.

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Color

**XYZ(18.2300, 16.8585,
17.9160)**

Conversions

Conversions Part 1

Format	Color
Hex	876B71
RGB	135, 107, 113
RGB Percent	53%, 42%, 44%
CMY	0.4706, 0.5804, 0.5569
CMYK	0.00, 0.21, 0.16, 0.47
HSL	347°, 12%, 47%
HSV	347°, 21%, 53%
XYZ	18.2300, 16.8585, 17.9160
YIQ	116.0560, 14.7620, 7.8020

Conversions

Conversions Part 2

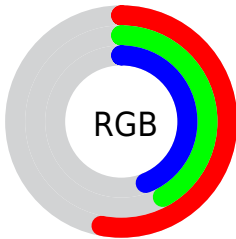
Format	Color
R_{YB}	135, 107, 113
Decimal	8874865
CIE Lab	48.08, 12.14, 0.89
CIE LCh	48, 12.170, 4.194
Yxy	16.8585, 0.3439, 0.3181
Android (android.graphics.Color)	4287064945 (0xFF876B71)
YUV	116.0560, -1.5066, 16.6139
Hunter-Lab	41.0591, 7.3995, 2.8704

Details

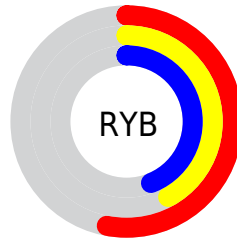
The XYZ color **18.2300, 16.8585, 17.9160** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.6905, 22.0392, 24.0388**, and the grayscale version is **16.6193, 17.4848, 19.0409**.

A 20% lighter version of the original color is **40.0047, 37.9891, 40.8215**, and **6.3163, 5.5447, 5.7383** is the 20% darker color. If you saturate the color by 10%, you get **16.3682, 14.0354, 14.5192**, and if you desaturate by 10%, it is **20.3823, 20.1506, 21.7545**.

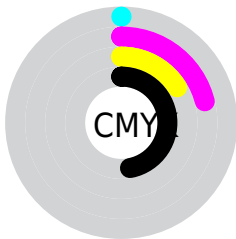
Distribution



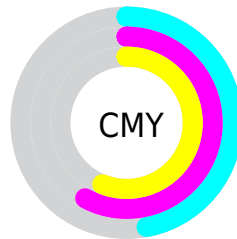
- Red (53%)
- Green (42%)
- Blue (44%)



- Red (53%)
- Yellow (42%)
- Blue (44%)



- Cyan (0%)
- Magenta (21%)
- Yellow (16%)
- Black (47%)



- Cyan (47%)
- Magenta (58%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2300, 16.8585, 17.9160 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 18.2300, 16.8585, 17.9160 by changing the saturation by 10% instead.

■ 18.2300, 16.8585,
17.9160

■ 18.2300, 16.8585,
17.9160

235.1849,
234.3556, 252.6173

■ 11.2159, 10.1337,
10.7209

■ 39.9559, 38.0823,
40.7061

■ 6.2806, 5.4877,
5.7677

■ 55.3984, 53.3501,
57.1382

■ 3.0587, 2.5361,
2.6378

■ 74.3811, 72.2343,
77.4864

■ 1.1849, 0.8947,
0.9119

■ 97.2693, 95.1193,
102.1692

■ 0.0944, 0.0000,
0.0000

124.4285,
122.3896, 131.6052

■ 0.0000, 0.0000,
0.0000

156.2239,

154.4295, 166.2128

193.0209,
191.6233, 206.4107

■ 18.2300, 16.8585,
17.9160

■ 18.2300, 16.8585,
17.9160

■ 16.3682, 14.0354,
14.5192

■ 20.3823, 20.1506,
21.7545

■ 14.7830, 11.6577,
11.5470

■ 22.8355, 23.9293,
26.0489

■ 13.4613, 9.7031,
8.9828

■ 25.6013, 28.2142,
30.8139

■ 12.3885, 8.1468,
6.8085

■ 28.6901, 33.0230,
36.0633

■ 11.5485, 6.9611,
5.0045

■ 32.1120, 38.3726,
41.8103

■ 10.9231, 6.1146,
3.5494

■ 35.8766, 44.2792,
48.0676

■ 10.4914, 5.5710,
2.4197

■ 39.9932, 50.7583,
54.8475

■ 10.2126, 5.2393,
1.6303

■ 44.4706, 57.8246,
62.1619

■ 49.3174, 65.4927,
70.0221

Harmonies

Analogous

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



18.0069, 16.8585, 21.1253



18.2300, 16.8585, 17.9160



17.8400, 16.8585, 15.1538

Triad

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



18.2300, 16.8585, 17.9160



14.8624, 16.8585, 13.7820



15.1191, 16.8585, 24.3763

Complementary

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



18.2300, 16.8585, 17.9160



18.6905, 22.0392, 24.0388

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.



14.3347, 16.8585, 21.9804



18.2300, 16.8585, 17.9160



14.1914, 16.8585, 15.8400

Square

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



18.2300, 16.8585, 17.9160



15.8691, 16.8585, 12.9467



14.0026, 16.8585, 18.8032



16.1789, 16.8585, 25.0945

Rectangle

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



18.2300, 16.8585, 17.9160



17.2948, 16.8585, 13.8631



14.0026, 16.8585, 18.8032



14.8160, 16.8585, 23.7279

Sweetspot

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



18.2305, 16.8593, 17.9164



38.4551, 39.0908, 42.3958



18.6745, 16.9273, 25.2049



8.8509, 8.9686, 9.7223



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.



18.2305, 16.8593, 17.9164



30.9758, 27.6512, 29.0546



18.7692, 18.4594, 16.4846



4.7104, 4.7038, 5.0873



9.4215, 4.8330, 1.5261



0.0349, 0.0177, 0.0173

Inverse Universe

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



18.2305, 16.8593, 17.9164



30.9758, 27.6512, 29.0546



18.0351, 20.0716, 25.8455



4.7104, 4.7038, 5.0873



9.4215, 4.8330, 1.5261



0.0349, 0.0177, 0.0173

Previews

White Background



This preview shows how the XYZ color 18.2300, 16.8585, 17.9160 looks on a white background.

Color Contrast Check

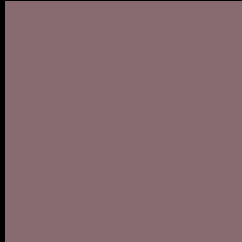
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.2300, 16.8585, 17.9160 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 18.2300, 16.8585, 17.9160

Background



This preview shows how black text looks on a background with the XYZ color 18.2300, 16.8585, 17.9160.



This preview shows how white text looks on a background with the XYZ color 18.2300, 16.8585,

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

18.2300, 16.8585, 17.9160

Protanopia

16.4307, 17.0320, 19.2511

Deuteranopia

17.2133, 16.9744, 17.6984



Tritanopia

18.3439, 16.9041, 18.5156

Trichromacy



Original Color

18.2300, 16.8585, 17.9160

Protanomaly

17.0052, 16.8408, 18.8773

Deuteranomaly

17.5538, 16.9888, 17.6832

Tritanomaly

18.2866, 16.8812, 18.2142

Monochromacy



Original Color

18.2300, 16.8585, 17.9160

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.1680, 17.2590, 18.6461

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2300, 16.8585, 17.9160 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, 107, 113)` looks like.

```
.text, #text, p{  
    color:rgb(135, 107, 113)  
}
```

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, 107, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 107, 113) }
```

Border

The CSS property to change the border of an element to XYZ 18.2300, 16.8585, 17.9160 is called "border". The border property can be set on classes, ids or directly on the HTML element.

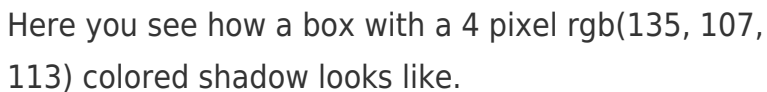
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 107, 113) }
```


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

```
.border{ border-color:rgb(135, 107, 113) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 107, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 107, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 107, 113);  
box-shadow:4px 4px 4px 4px rgb(135, 107,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2300, 16.8585, 17.9160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 107, 113) }
```

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

```
.background{ background-color: rgb(135,  
107, 113) }
```

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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