

Converting Colors

XYZ(18.0742, 16.4851, 17.2683)

Have a look what the booklet for
XYZ(18.0742, 16.4851, 17.2683)
contains.

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Color

**XYZ(18.0742, 16.4851,
17.2683)**

Conversions

Conversions Part 1

Format	Color
Hex	88696F
RGB	136, 105, 111
RGB Percent	53%, 41%, 44%
CMY	0.4667, 0.5882, 0.5647
CMYK	0.00, 0.23, 0.18, 0.47
HSL	348°, 13%, 47%
HSV	348°, 23%, 53%
XYZ	18.0742, 16.4851, 17.2683
YIQ	114.9530, 16.5500, 8.4380

Conversions

Conversions Part 2

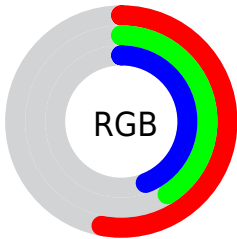
Format	Color
R_{YB}	136, 105, 111
Decimal	8939887
CIE _{Lab}	47.60, 13.37, 1.41
CIE _{LCh}	48, 13.442, 6.000
Yxy	16.4851, 0.3487, 0.3181
Android (android.graphics.Color)	4287129967 (0xFF88696F)
YUV	114.9530, -1.9488, 18.4582
Hunter-Lab	40.6018, 8.4073, 3.2048

Details

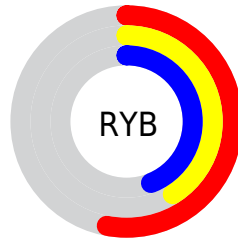
The XYZ color **18.0742, 16.4851, 17.2683** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.6598, 22.2237, 24.4263**, and the grayscale version is **16.2840, 17.1321, 18.6568**.

A 20% lighter version of the original color is **39.7345, 37.3684, 39.7689**, and **6.2480, 5.3634, 5.4086** is the 20% darker color. If you saturate the color by 10%, you get **16.2309, 13.7063, 13.8549**, and if you desaturate by 10%, it is **20.2141, 19.7381, 21.1469**.

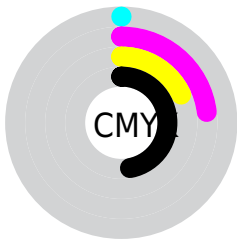
Distribution



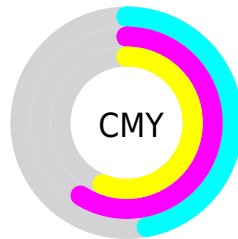
- Red (53%)
- Green (41%)
- Blue (44%)



- Red (53%)
- Yellow (41%)
- Blue (44%)



- Cyan (0%)
- Magenta (23%)
- Yellow (18%)
- Black (47%)



- Cyan (47%)
- Magenta (59%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0742, 16.4851, 17.2683 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 18.0742, 16.4851, 17.2683 by changing the saturation by 10% instead.

■ 18.0742, 16.4851,
17.2683

■ 18.0742, 16.4851,
17.2683

234.3264,
232.1874, 248.8099

■ 11.1033, 9.8681,
10.2620

■ 39.6928, 37.4383,
39.5835

■ 6.2042, 5.3116,
5.4651

■ 55.0712, 52.5433,
55.7294

■ 3.0114, 2.4312,
2.4592

■ 73.9828, 71.2464,
75.7589

■ 1.1598, 0.8419,
0.8184

■ 96.7930, 93.9320,
100.0906

■ 0.0743, 0.0000,
0.0000

123.8671,
120.9846, 129.1430

■ 0.0000, 0.0000,
0.0000

155.5705,

152.7884, 163.3347

192.2685,
189.7278, 203.0841

■ 18.0742, 16.4851,
17.2683

■ 18.0742, 16.4851,
17.2683

■ 16.2309, 13.7063,
13.8549

■ 20.2141, 19.7381,
21.1469

■ 14.6697, 11.3775,
10.8881

■ 22.6617, 23.4838,
25.5064

■ 13.3769, 9.4755,
8.3495

■ 25.4290, 27.7423,
30.3628


■ 12.3369, 7.9742,
6.2190


■ 28.5270, 32.5320,
35.7313


■ 11.5328, 6.8447,
4.4750


■ 31.9664, 37.8703,
41.6264


 10.9452, 6.0541,
3.0934


 35.7570, 43.7739,
48.0618

 10.5518, 5.5639,
2.0479

 39.9085, 50.2587,
55.0510

 10.3434, 5.3103,
1.4756

 44.4302, 57.3401,
62.6068

 49.3310, 65.0328,
70.7417

Harmonies

Analogous

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



17.8697, 16.4851, 20.7701



18.0742, 16.4851, 17.2683



17.6080, 16.4851, 14.3426

Triad

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



18.0742, 16.4851, 17.2683



14.3526, 16.4851, 13.1217



14.7498, 16.4851, 24.6796

Complementary

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



18.0742, 16.4851, 17.2683



18.6598, 22.2237, 24.4263

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.



13.8771, 16.4851, 22.1153



18.0742, 16.4851, 17.2683



13.6561, 16.4851, 15.3965

Square

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



18.0742, 16.4851, 17.2683



15.4289, 16.4851, 12.1529



13.4865, 16.4851, 18.6483



15.9107, 16.4851, 25.3464

Rectangle

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



18.0742, 16.4851, 17.2683



16.9930, 16.4851, 13.0147



13.4865, 16.4851, 18.6483



14.4149, 16.4851, 23.9963

Sweetspot

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



18.0747, 16.4859, 17.2686



37.9876, 38.3980, 41.4938



18.6713, 16.6115, 25.5151



8.7498, 8.8196, 9.5246



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.



18.0747, 16.4859, 17.2686



30.2314, 26.6030, 27.4481



18.7549, 18.3573, 15.9203



5.0699, 5.0634, 5.4564



9.7925, 5.0271, 1.4115



0.0692, 0.0351, 0.0315

Inverse Universe

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



18.0747, 16.4859, 17.2686



30.2314, 26.6030, 27.4481



17.8209, 19.8828, 26.1913



5.0699, 5.0634, 5.4564



9.7925, 5.0271, 1.4115



0.0692, 0.0351, 0.0315

Previews

White Background



This preview shows how the XYZ color 18.0742, 16.4851, 17.2683 looks on a white background.

Color Contrast Check

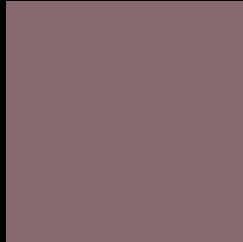
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.0742, 16.4851, 17.2683 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 18.0742, 16.4851, 17.2683

Background



This preview shows how black text looks on a background with the XYZ color 18.0742, 16.4851, 17.2683.



This preview shows how white text looks on a background with the XYZ color 18.0742, 16.4851,

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

18.0742, 16.4851, 17.2683

Protanopia

15.9391, 16.6255, 18.5886

Deuteranopia

16.7406, 16.4230, 17.0395



Tritanopia

18.1856, 16.5296, 17.8548

Trichromacy



Original Color

18.0742, 16.4851, 17.2683

Protanomaly

16.6392, 16.5043, 18.2283

Deuteranomaly

17.2303, 16.5180, 17.0320

Tritanomaly

18.1295, 16.5072, 17.5599

Monochromacy



Original Color

18.0742, 16.4851, 17.2683

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.8901, 16.7947, 18.2711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0742, 16.4851, 17.2683 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(136, 105, 111)` looks like.

```
.text, #text, p{  
    color:rgb(136, 105, 111)  
}
```

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(136, 105, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 105, 111) }
```

Border

The CSS property to change the border of an element to XYZ 18.0742, 16.4851, 17.2683 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(136, 105, 111) }
```


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

```
.border{ border-color:rgb(136, 105, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 105, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 105, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 105, 111);  
box-shadow:4px 4px 4px 4px rgb(136, 105,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0742, 16.4851, 17.2683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 105, 111) }
```

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

```
.background{ background-color: rgb(136,  
105, 111) }
```

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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