

Converting Colors

XYZ(17.8171, 16.4743, 18.7830)

Have a look what the booklet for
XYZ(17.8171, 16.4743, 18.7830)
contains.

XYZ(17.8221, 16.4746, 18.7636)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.8221, 16.4746,
18.7636)**

Conversions

Conversions Part 1

Format	Color
Hex	846A74
RGB	132, 106, 116
RGB Percent	52%, 42%, 45%
CMY	0.4824, 0.5843, 0.5451
CMYK	0.00, 0.20, 0.12, 0.48
HSL	337°, 11%, 47%
HSV	337°, 20%, 52%
XYZ	17.8221, 16.4746, 18.7636
YIQ	114.9140, 12.2860, 8.6220

Conversions

Conversions Part 2

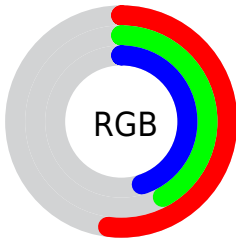
Format	Color
R_{YB}	132, 106, 116
Decimal	8678004
CIE _{Lab}	47.59, 12.08, -1.66
CIE _{LCh}	48, 12.196, 352.192
Yxy	16.4746, 0.3359, 0.3105
Android (android.graphics.Color)	4286868084 (0xFF846A74)
YUV	114.9140, 0.5354, 14.9844
Hunter-Lab	40.5889, 7.3466, 1.0034

Details

The XYZ color **17.8221, 16.4746, 18.7636** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.7086, 20.9721, 21.5280**, and the grayscale version is **16.2659, 17.1130, 18.6360**.

A 20% lighter version of the original color is **39.1324, 37.2554, 42.1743**, and **6.0870, 5.3391, 6.1786** is the 20% darker color. If you saturate the color by 10%, you get **16.1131, 13.7799, 15.9636**, and if you desaturate by 10%, it is **19.7828, 19.6061, 21.8518**.

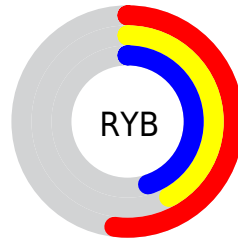
Distribution



Red (52%)

Green (42%)

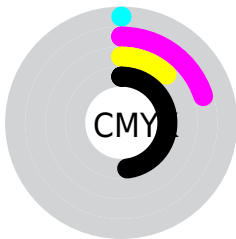
Blue (45%)



Red (52%)

Yellow (42%)

Blue (45%)

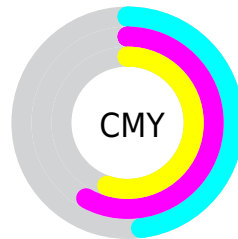


Cyan (0%)

Magenta (20%)

Yellow (12%)

Black (48%)



Cyan (48%)

Magenta (58%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8221, 16.4746, 18.7636 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 17.8221, 16.4746, 18.7636 by changing the saturation by 10% instead.

■ 17.8221, 16.4746,
18.7636

■ 17.8221, 16.4746,
18.7636

232.9314,
232.1262, 257.5197

■ 10.9213, 9.8606,
11.3245

■ 39.2664, 37.4202,
42.1656

■ 6.0808, 5.3066,
6.1686

■ 54.5406, 52.5206,
58.9656

■ 2.9354, 2.4283,
2.8774

■ 73.3366, 71.2186,
79.7230

■ 1.1197, 0.8404,
1.0324

■ 96.0198, 93.8985,
104.8563

■ 0.0415, 0.0000,
0.0000

122.9555,
120.9449, 134.7841

■ 0.0000, 0.0000,
0.0000

154.5091,

152.7420, 169.9249

191.0460,
189.6743, 210.6972

■ 17.8221, 16.4746,
18.7636

■ 17.8221, 16.4746,
18.7636

■ 16.1131, 13.7799,
15.9636

■ 19.7828, 19.6061,
21.8518

■ 14.6438, 11.5003,
13.4420

■ 22.0037, 23.1905,
25.2355

■ 13.4032, 9.6155,
11.1900

■ 24.4947, 27.2458,
28.9231

■ 12.3791, 8.1027,
9.1978

■ 27.2648, 31.7882,
32.9220

■ 11.5577, 6.9366,
7.4550

■ 30.3223, 36.8333,
37.2398

■ 10.9240, 6.0888,
5.9503

■ 33.6756, 42.3960,
41.8835

■ 10.4604, 5.5262,
4.6713

■ 37.3322, 48.4905,
46.8600

■ 10.1179, 5.1534,
3.5946

■ 41.2999, 55.1304,
52.1760

■ 10.1080, 5.1425,
3.5643

■ 45.5857, 62.3290,
57.8378

Harmonies

Analogous

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



17.3688, 16.4746, 21.8636



17.8221, 16.4746, 18.7636



17.6748, 16.4746, 15.7706

Triad

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



17.8221, 16.4746, 18.7636



14.8823, 16.4746, 12.9465



14.4119, 16.4746, 23.0955

Complementary

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



17.8221, 16.4746, 18.7636



17.7086, 20.9721, 21.5280

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.



13.8019, 16.4746, 20.2955



17.8221, 16.4746, 18.7636



14.0646, 16.4746, 14.5129

Square

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



17.8221, 16.4746, 18.7636



15.9443, 16.4746, 12.6369



13.6777, 16.4746, 17.1371



15.3764, 16.4746, 24.5464

Rectangle

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



17.8221, 16.4746, 18.7636



17.2589, 16.4746, 14.2104



13.6777, 16.4746, 17.1371



14.1605, 16.4746, 22.2664

Sweetspot

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



17.8226, 16.4753, 18.7639



36.1867, 36.6908, 40.5535



17.2890, 16.0833, 24.0230



8.3776, 8.4660, 9.3691



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.



17.8226, 16.4753, 18.7639



29.8824, 26.6288, 30.6020



17.5438, 16.7991, 15.9546



4.7412, 4.7162, 5.2495



9.7896, 4.9802, 3.4643



0.0373, 0.0186, 0.0298

Inverse Universe

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



17.8226, 16.4753, 18.7639



29.8824, 26.6288, 30.6020



18.0123, 20.5365, 24.8444



4.7412, 4.7162, 5.2495



9.7896, 4.9802, 3.4643



0.0373, 0.0186, 0.0298

Previews

White Background



This preview shows how the XYZ color 17.8221, 16.4746, 18.7636 looks on a white background.

Color Contrast Check

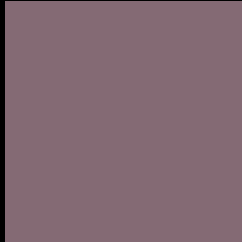
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.8221, 16.4746, 18.7636 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 17.8221, 16.4746, 18.7636

Background



This preview shows how black text looks on a background with the XYZ color 17.8221, 16.4746, 18.7636.



This preview shows how white text looks on a background with the XYZ color 17.8221, 16.4746,

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

17.8221, 16.4746, 18.7636

Protanopia

15.9944, 16.4551, 20.1025

Deuteranopia

16.8388, 16.6006, 18.5364



Tritanopia

17.7643, 16.4514, 18.4588

Trichromacy



Original Color

17.8221, 16.4746, 18.7636

Protanomaly

16.6514, 16.4768, 19.7555

Deuteranomaly

17.1673, 16.6107, 18.5210

Tritanomaly

17.7643, 16.4514, 18.4588

Monochromacy



Original Color

17.8221, 16.4746, 18.7636

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.7738, 16.8911, 18.5959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8221, 16.4746, 18.7636 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(132, 106, 116)` looks like.

```
.text, #text, p{  
    color:rgb(132, 106, 116)  
}
```

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(132, 106, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 106, 116) }
```

Border

The CSS property to change the border of an element to XYZ 17.8221, 16.4746, 18.7636 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(132, 106, 116) }
```


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

```
.border{ border-color:rgb(132, 106, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 106, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 106, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 106, 116);  
box-shadow:4px 4px 4px 4px rgb(132, 106,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8221, 16.4746, 18.7636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 106, 116) }
```

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

```
.background{ background-color: rgb(132,  
106, 116) }
```

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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