

Converting Colors

XYZ(18.5547, 16.6709, 15.4973)

Have a look what the booklet for
XYZ(18.5547, 16.6709, 15.4973)
contains.

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Color

**XYZ(18.4846, 16.5833,
15.5912)**

Conversions

Conversions Part 1

Format	Color
Hex	8D6869
RGB	141, 104, 105
RGB Percent	55%, 41%, 41%
CMY	0.4471, 0.5921, 0.5882
CMYK	0.00, 0.26, 0.26, 0.45
HSL	358°, 15%, 48%
HSV	358°, 26%, 55%
XYZ	18.4846, 16.5833, 15.5912
YIQ	115.1770, 21.7310, 8.1550

Conversions

Conversions Part 2

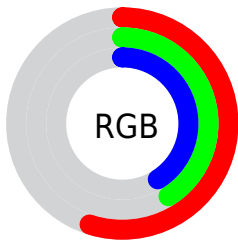
Format	Color
R_{YB}	141, 104, 105
Decimal	9267305
CIE _{Lab}	47.73, 14.98, 5.25
CIE _{LCh}	48, 15.877, 19.299
Yxy	16.5833, 0.3649, 0.3274
Android (android.graphics.Color)	4287457385 (0xFF8D6869)
YUV	115.1770, -5.0173, 22.6468
Hunter-Lab	40.7226, 9.7593, 5.8058

Details

The XYZ color **18.4846, 16.5833, 15.5912** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.9681, 23.8866, 28.3704**, and the grayscale version is **16.3599, 17.2119, 18.7438**.

A 20% lighter version of the original color is **40.2278, 37.4451, 36.5599**, and **6.4433, 5.4054, 4.7067** is the 20% darker color. If you saturate the color by 10%, you get **16.5330, 13.7190, 11.7377**, and if you desaturate by 10%, it is **20.7882, 19.9693, 20.1238**.

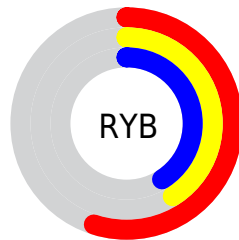
Distribution



Red (55%)

Green (41%)

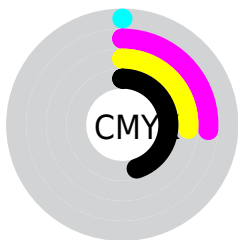
Blue (41%)



Red (55%)

Yellow (41%)

Blue (41%)

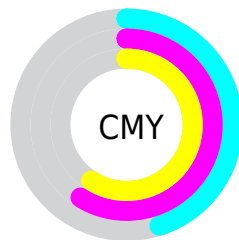


Cyan (0%)

Magenta (26%)

Yellow (26%)

Black (45%)



Cyan (45%)


Magenta (59%)


Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4846, 16.5833, 15.5912 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 18.4846, 16.5833, 15.5912 by changing the saturation by 10% instead.

 18.4846, 16.5833,
15.5912


 18.4846, 16.5833,
15.5912


236.5816,
232.7595, 238.6800


 11.4003, 9.9378,
9.0841


 40.3850, 37.6079,
36.6439


 6.4060, 5.3578,
4.6985


 55.9318, 52.7559,
52.0266

 3.1365, 2.4587,
2.0159


 75.0300, 71.5068,
71.2050

 1.2263, 0.8558,
0.5650

 98.0452, 94.2450,
94.5975

 0.1270, 0.0000,
0.0000

125.3426,
121.3551, 122.6227

 0.0000, 0.0000,
0.0000

157.2875,

153.2212, 155.6992

194.2454,
190.2279, 194.2454

■ 18.4846, 16.5833,
15.5912

■ 18.4846, 16.5833,
15.5912

■ 16.5330, 13.7190,
11.7377

■ 20.7882, 19.9693,
20.1238

■ 14.9149, 11.3484,
8.5297

■ 23.4586, 23.8987,
25.3648

■ 13.6119, 9.4442,
5.9322

■ 26.5112, 28.3947,
31.3433

■ 12.6037, 7.9757,
3.9064

■ 29.9602, 33.4785,
38.0862

■ 11.8670, 6.9085,
2.4093

■ 33.8193, 39.1704,
45.6191

■ 11.3757, 6.2028,
1.3916

■ 38.1011, 45.4894,
53.9665

■ 11.0912, 5.7975,
0.7917

■ 42.8181, 52.4539,
63.1519

■ 11.0053, 5.6710,
0.6237

■ 47.9820, 60.0815,
73.1975

■ 53.6041, 68.3890,
84.1252

Harmonies

Analogous

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



18.6028, 16.5833, 19.5492



18.4846, 16.5833, 15.5912



17.6122, 16.5833, 12.7489

Triad

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



18.4846, 16.5833, 15.5912



13.7795, 16.5833, 13.4181



15.2599, 16.5833, 26.8909

Complementary

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



18.4846, 16.5833, 15.5912



19.9681, 23.8866, 28.3704

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.



14.0460, 16.5833, 24.6639



18.4846, 16.5833, 15.5912



13.2261, 16.5833, 16.6416

Square

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



18.4846, 16.5833, 15.5912



14.8759, 16.5833, 11.6308



13.3207, 16.5833, 20.7686



16.6825, 16.5833, 26.4968

Rectangle

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



18.4846, 16.5833, 15.5912



16.7479, 16.5833, 11.6797



13.3207, 16.5833, 20.7686



14.8154, 16.5833, 26.4123

Sweetspot

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



18.4851, 16.5841, 15.5915



41.0334, 41.3604, 43.5084



20.5344, 17.3797, 27.4717



9.0142, 9.0160, 9.4220



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



18.4851, 16.5841, 15.5915



31.1307, 26.8025, 24.0298



20.3535, 20.4024, 15.9631



5.4144, 5.4263, 5.6803



10.0358, 5.1713, 0.5738



0.0969, 0.0498, 0.0104

Inverse Universe

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



18.4851, 16.5841, 15.5915



31.1307, 26.8025, 24.0298



17.6916, 19.2154, 27.9758



5.4144, 5.4263, 5.6803



10.0358, 5.1713, 0.5738



0.0969, 0.0498, 0.0104

Previews

White Background



This preview shows how the XYZ color 18.4846, 16.5833, 15.5912 looks on a white background.

Color Contrast Check

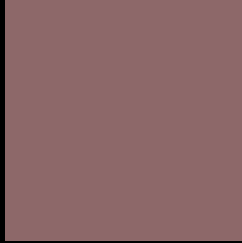
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.4846, 16.5833, 15.5912 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 18.4846, 16.5833, 15.5912

Background



This preview shows how black text looks on a background with the XYZ color 18.4846, 16.5833, 15.5912.



This preview shows how white text looks on a background with the XYZ color 18.4846, 16.5833,

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

18.4846, 16.5833, 15.5912

Protanopia

15.9221, 16.6490, 17.1263

Deuteranopia

16.8694, 16.5259, 15.3974



Tritanopia

18.8748, 16.5990, 17.2480

Trichromacy



Original Color

18.4846, 16.5833, 15.5912

Protanomaly

16.7402, 16.5945, 16.5081

Deuteranomaly

17.4293, 16.5014, 15.3632

Tritanomaly

18.7659, 16.5554, 16.6744

Monochromacy



Original Color

18.4846, 16.5833, 15.5912

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.8659, 16.8017, 17.3930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4846, 16.5833, 15.5912 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(141, 104, 105)` looks like.

```
.text, #text, p{  
    color:rgb(141, 104, 105)  
}
```

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(141, 104, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 104, 105) }
```

Border

The CSS property to change the border of an element to XYZ 18.4846, 16.5833, 15.5912 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(141, 104, 105) }
```


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

```
.border{ border-color:rgb(141, 104, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 104, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 104, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 104, 105);  
box-shadow:4px 4px 4px 4px rgb(141, 104,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4846, 16.5833, 15.5912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 104, 105) }
```

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

```
.background{ background-color: rgb(141,  
104, 105) }
```

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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