

Converting Colors

XYZ(19.1921, 17.1837, 18.6748)

Have a look what the booklet for
XYZ(19.1921, 17.1837, 18.6748)
contains.

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Color

**XYZ(19.2331, 17.2086,
18.5276)**

Conversions

Conversions Part 1

Format	Color
Hex	8D6A73
RGB	141, 106, 115
RGB Percent	55%, 42%, 45%
CMY	0.4471, 0.5843, 0.5490
CMYK	0.00, 0.25, 0.18, 0.45
HSL	345°, 14%, 48%
HSV	345°, 25%, 55%
XYZ	19.2331, 17.2086, 18.5276
YIQ	117.4910, 17.9710, 10.2190

Conversions

Conversions Part 2

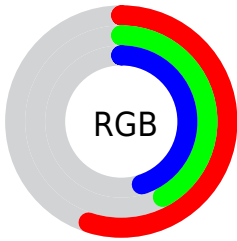
Format	Color
R_{YB}	141, 106, 115
Decimal	9267827
CIE Lab	48.52, 15.43, 0.42
CIE LCh	49, 15.439, 1.546
Yxy	17.2086, 0.3499, 0.3131
Android (android.graphics.Color)	4287457907 (0xFF8D6A73)
YUV	117.4910, -1.2281, 20.6174
Hunter-Lab	41.4832, 10.1632, 2.5577

Details

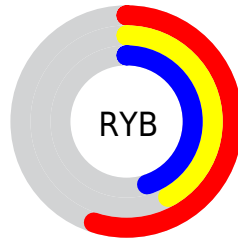
The XYZ color **19.2331, 17.2086, 18.5276** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.6343, 23.7804, 25.3862**, and the grayscale version is **17.0612, 17.9497, 19.5472**.

A 20% lighter version of the original color is **41.5377, 38.5061, 41.8024**, and **6.7426, 5.6050, 6.0367** is the 20% darker color. If you saturate the color by 10%, you get **17.3289, 14.3105, 15.0861**, and if you desaturate by 10%, it is **21.4457, 20.6135, 22.4103**.

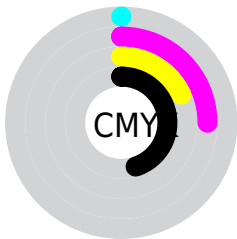
Distribution



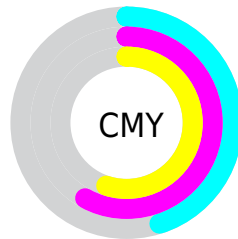
- Red (55%)
- Green (42%)
- Blue (45%)



- Red (55%)
- Yellow (42%)
- Blue (45%)



- Cyan (0%)
- Magenta (25%)
- Yellow (18%)
- Black (45%)



- Cyan (45%)
- Magenta (58%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2331, 17.2086, 18.5276 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 19.2331, 17.2086, 18.5276 by changing the saturation by 10% instead.

■ 19.2331, 17.2086,
18.5276

■ 19.2331, 17.2086,
18.5276

240.6461,
236.3716, 256.1635

■ 11.9438, 10.3833,
11.1561

■ 41.6414, 38.6841,
41.7603

■ 6.7774, 5.6539,
6.0564

■ 57.4912, 54.1031,
58.4586

■ 3.3683, 2.6358,
2.8101

■ 76.9253, 73.1555,
79.1029

■ 1.3514, 0.9447,
0.9985

■ 100.3088, 96.2256,
104.1118

■ 0.2212, 0.0000,
0.0000

128.0074,
123.6979, 133.9037

■ 0.0000, 0.0000,
0.0000

160.3862,

155.9567, 168.8973

197.8106,
193.3865, 209.5111

■ 19.2331, 17.2086,
18.5276

■ 19.2331, 17.2086,
18.5276

■ 17.3289, 14.3105,
15.0861

■ 21.4457, 20.6135,
22.4103

■ 15.7177, 11.8927,
12.0687

■ 23.9783, 24.5455,
26.7483

■ 14.3850, 9.9297,
9.4591

■ 26.8438, 29.0266,
31.5561

■ 13.3143, 8.3926,
7.2390

■ 30.0536, 34.0769,
36.8476

■ 12.4873, 7.2494,
5.3891

■ 33.6188, 39.7154,
42.6358

■ 11.8835, 6.4633,
3.8878

■ 37.5501, 45.9602,
48.9334

■ 11.4760, 5.9862,
2.7107

■ 41.8575, 52.8289,
55.7525

■ 11.3069, 5.7917,
2.2111

■ 46.5508, 60.3379,
63.1050

■ 51.6393, 68.5035,
71.0021

Harmonies

Analogous

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



18.8699, 17.2086, 22.7054



19.2331, 17.2086, 18.5276



18.7892, 17.2086, 14.9450

Triad

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



19.2331, 17.2086, 18.5276



14.9721, 17.2086, 12.8442



15.0924, 17.2086, 26.4669

Complementary

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



19.2331, 17.2086, 18.5276



19.6343, 23.7804, 25.3862

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.



14.1429, 17.2086, 23.1221



19.2331, 17.2086, 18.5276



14.0764, 17.2086, 15.2607

Square

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



19.2331, 17.2086, 18.5276



16.2829, 17.2086, 11.9708



13.7816, 17.2086, 18.9485



16.4298, 17.2086, 27.6674

Rectangle

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



19.2331, 17.2086, 18.5276



18.1094, 17.2086, 13.2680



13.7816, 17.2086, 18.9485



14.7201, 17.2086, 25.5343

Sweetspot

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



19.2336, 17.2094, 18.5280



41.8319, 42.2297, 46.0174



19.4261, 17.1107, 27.4784



9.2931, 9.3541, 10.1927



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.



19.2336, 17.2094, 18.5280



32.3924, 27.6889, 29.4971



19.6228, 18.7764, 16.2266



5.4623, 5.4454, 5.9322



10.3154, 5.2832, 2.0465



0.1065, 0.0537, 0.0612

Inverse Universe

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



19.2336, 17.2094, 18.5280



32.3924, 27.6889, 29.4971



19.1170, 21.7173, 28.3839



5.4623, 5.4454, 5.9322



10.3154, 5.2832, 2.0465



0.1065, 0.0537, 0.0612

Previews

White Background



This preview shows how the XYZ color 19.2331, 17.2086, 18.5276 looks on a white background.

Color Contrast Check

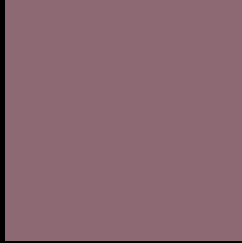
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.2331, 17.2086, 18.5276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

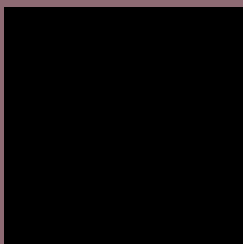
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.2331, 17.2086, 18.5276

Background



This preview shows how black text looks on a background with the XYZ color 19.2331, 17.2086, 18.5276.



This preview shows how white text looks on a background with the XYZ color 19.2331, 17.2086,

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

19.2331, 17.2086, 18.5276

Protanopia

16.7234, 17.3305, 20.2330

Deuteranopia

17.5838, 17.3153, 18.3350



Tritanopia

19.1758, 17.1857, 18.2261

Trichromacy



Original Color

19.2331, 17.2086, 18.5276

Protanomaly

17.5216, 17.2563, 19.5469

Deuteranomaly

18.1289, 17.2723, 18.2980

Tritanomaly

19.1758, 17.1857, 18.2261

Monochromacy



Original Color

19.2331, 17.2086, 18.5276

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.6617, 17.5068, 18.9713

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2331, 17.2086, 18.5276 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, 106, 115)` looks like.

```
.text, #text, p{  
    color:rgb(141, 106, 115)  
}
```

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, 106, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 106, 115) }
```

Border

The CSS property to change the border of an element to XYZ 19.2331, 17.2086, 18.5276 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, 106, 115) }
```


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

```
.border{ border-color:rgb(141, 106, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 106, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 106, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 106, 115);  
box-shadow:4px 4px 4px 4px rgb(141, 106,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2331, 17.2086, 18.5276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 106, 115) }
```

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

```
.background{ background-color: rgb(141,  
106, 115) }
```

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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