

Converting Colors

XYZ(19.7621, 17.6231, 17.2742)

Have a look what the booklet for
XYZ(19.7621, 17.6231, 17.2742)
contains.

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Color

**XYZ(19.8040, 17.6828,
17.4083)**

Conversions

Conversions Part 1

Format	Color
Hex	916B6F
RGB	145, 107, 111
RGB Percent	57%, 42%, 44%
CMY	0.4314, 0.5804, 0.5647
CMYK	0.00, 0.26, 0.23, 0.43
HSL	354°, 15%, 49%
HSV	354°, 26%, 57%
XYZ	19.8040, 17.6828, 17.4083
YIQ	118.8180, 21.3640, 9.3000

Conversions

Conversions Part 2

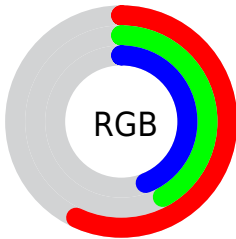
Format	Color
R_{YB}	145, 107, 111
Decimal	9530223
CIE _{Lab}	49.11, 15.78, 3.71
CIE _{LCh}	49, 16.208, 13.223
Yxy	17.6828, 0.3608, 0.3221
Android (android.graphics.Color)	4287720303 (0xFF916B6F)
YUV	118.8180, -3.8543, 22.9616
Hunter-Lab	42.0509, 10.4760, 4.8907

Details

The XYZ color **19.8040, 17.6828, 17.4083** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.9972, 25.3001, 28.9772**, and the grayscale version is **17.4845, 18.3951, 20.0322**.

A 20% lighter version of the original color is **42.8284, 39.7200, 40.0598**, and **7.0773, 5.8665, 5.4620** is the 20% darker color. If you saturate the color by 10%, you get **17.7539, 14.6439, 13.4526**, and if you desaturate by 10%, it is **22.2124, 21.2719, 21.9958**.

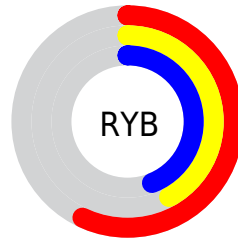
Distribution



Red (57%)

Green (42%)

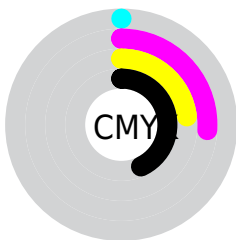
Blue (44%)



Red (57%)

Yellow (42%)

Blue (44%)

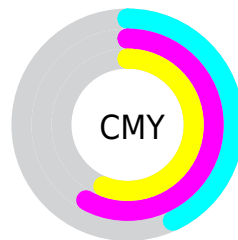


Cyan (0%)

Magenta (26%)

Yellow (23%)

Black (43%)



Cyan (43%)


Magenta (58%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 19.8040, 17.6828, 17.4083 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 19.8040, 17.6828, 17.4083 by changing the saturation by 10% instead.


 19.8040, 17.6828,
17.4083


 19.8040, 17.6828,
17.4083


243.7059,
239.0770, 249.6375


 12.3601, 10.7225,
10.3610


 42.5948, 39.4961,
39.8267


 7.0633, 5.8806,
5.5302


 58.6724, 55.1178,
56.0349

 3.5484, 2.7726,
2.4975

 78.3586, 74.3955,
76.1337

 1.4500, 1.0142,
0.8388

 102.0187, 97.7136,
100.5418

 0.2914, 0.0000,
0.0000

130.0181,
125.4564, 129.6777

 0.0000, 0.0000,
0.0000

162.7223,

158.0083, 163.9600

200.4964,
195.7537, 203.8070

■ 19.8040, 17.6828,
17.4083

■ 19.8040, 17.6828,
17.4083

■ 17.7539, 14.6439,
13.4526

■ 22.2124, 21.2719,
21.9958

■ 16.0435, 12.1257,
10.1000

■ 24.9936, 25.4338,
27.2401

■ 14.6549, 10.0997,
7.3211

■ 28.1630, 30.1931,
33.1659

■ 13.5677, 8.5335,
5.0837

■ 31.7348, 35.5721,
39.7965

■ 12.7593, 7.3911,
3.3521

■ 35.7224, 41.5919,
47.1541

■ 12.2040, 6.6309,
2.0868

■ 40.1386, 48.2726,
55.2599

■ 11.8647, 6.1904,
1.2397

■ 44.9958, 55.6335,
64.1341

■ 11.7652, 6.0550,
1.0101

■ 50.3056, 63.6931,
73.7963

■ 56.0794, 72.4692,
84.2653

Harmonies

Analogous

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



19.7519, 17.6828, 21.7624



19.8040, 17.6828, 17.4083



19.0194, 17.6828, 14.0885

Triad

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



19.8040, 17.6828, 17.4083



14.8906, 17.6828, 13.7936



15.9804, 17.6828, 28.3926

Complementary

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



19.8040, 17.6828, 17.4083



20.9972, 25.3001, 28.9772

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.



14.7731, 17.6828, 25.5480



19.8040, 17.6828, 17.4083



14.1703, 17.6828, 16.9453

Square

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



19.8040, 17.6828, 17.4083



16.1497, 17.6828, 12.2228



14.1287, 17.6828, 21.2248



17.4819, 17.6828, 28.5664

Rectangle

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



19.8040, 17.6828, 17.4083



18.1533, 17.6828, 12.7268



14.1287, 17.6828, 21.2248



15.5289, 17.6828, 27.6996

Sweetspot

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



19.8045, 17.6836, 17.4087



43.7283, 44.0025, 46.8451



21.2800, 18.1853, 29.1768



9.5699, 9.5522, 10.1240



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



19.8045, 17.6836, 17.4087



33.3909, 28.5876, 27.1839



21.2379, 20.8948, 16.8246



5.4305, 5.4327, 5.7651



10.0966, 5.1957, 0.8940



0.1002, 0.0511, 0.0277

Inverse Universe

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



19.8045, 17.6836, 17.4087



33.3909, 28.5876, 27.1839



19.2153, 21.2516, 29.8775



5.4305, 5.4327, 5.7651



10.0966, 5.1957, 0.8940



0.1002, 0.0511, 0.0277

Previews

White Background



This preview shows how the XYZ color 19.8040, 17.6828, 17.4083 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 19.8040, 17.6828, 17.4083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

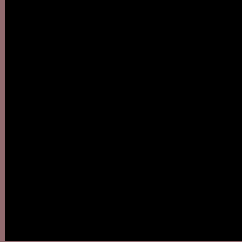
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.8040, 17.6828, 17.4083

Background



This preview shows how black text looks on a background with the XYZ color 19.8040, 17.6828, 17.4083.



This preview shows how white text looks on a background with the XYZ color 19.8040, 17.6828,

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

19.8040, 17.6828, 17.4083

Protanopia

17.0055, 17.6737, 19.0381

Deuteranopia

18.0797, 17.7613, 17.2272



Tritanopia

19.9256, 17.5656, 18.5600

Trichromacy



Original Color

19.8040, 17.6828, 17.4083

Protanomaly

17.8445, 17.6144, 18.3790

Deuteranomaly

18.6523, 17.7289, 17.1908

Tritanomaly

19.8684, 17.5427, 18.2585

Monochromacy



Original Color

19.8040, 17.6828, 17.4083

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.1852, 18.1116, 19.0604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.8040, 17.6828, 17.4083 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(145, 107, 111)` looks like.

```
.text, #text, p{  
    color:rgb(145, 107, 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(145, 107, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 107, 111) }
```

Border

The CSS property to change the border of an element to XYZ 19.8040, 17.6828, 17.4083 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(145, 107, 111) }
```


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

```
.border{ border-color:rgb(145, 107, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 107, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 107, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 107, 111);  
box-shadow:4px 4px 4px 4px rgb(145, 107,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 19.8040, 17.6828, 17.4083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 107, 111) }
```

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

```
.background{ background-color: rgb(145,  
107, 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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