

Converting Colors

XYZ(19.9268, 17.6178, 17.5090)

Have a look what the booklet for
XYZ(19.9268, 17.6178, 17.5090)
contains.

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Color

**XYZ(19.8773, 17.5668,
17.3820)**

Conversions

Conversions Part 1

Format	Color
Hex	926A6F
RGB	146, 106, 111
RGB Percent	57%, 42%, 44%
CMY	0.4275, 0.5843, 0.5647
CMYK	0.00, 0.27, 0.24, 0.43
HSL	353°, 16%, 49%
HSV	353°, 27%, 57%
XYZ	19.8773, 17.5668, 17.3820
YIQ	118.5300, 22.2350, 10.0350

Conversions

Conversions Part 2

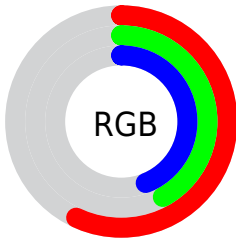
Format	Color
R_{YB}	146, 106, 111
Decimal	9595503
CIE _{Lab}	48.97, 16.76, 3.52
CIE _{LCh}	49, 17.123, 11.849
Yxy	17.5668, 0.3626, 0.3204
Android (android.graphics.Color)	4287785583 (0xFF926A6F)
YUV	118.5300, -3.7123, 24.0912
Hunter-Lab	41.9128, 11.3070, 4.7503

Details

The XYZ color **19.8773, 17.5668, 17.3820** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.0312, 25.5453, 29.0229**, and the grayscale version is **17.3931, 18.2989, 19.9275**.

A 20% lighter version of the original color is **42.9251, 39.5156, 40.0152**, and **7.0264, 5.7647, 5.4450** is the 20% darker color. If you saturate the color by 10%, you get **17.8450, 14.5485, 13.4786**, and if you desaturate by 10%, it is **22.2674, 21.1393, 21.9015**.

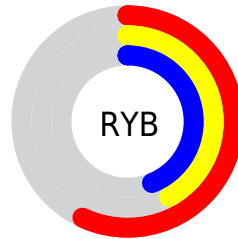
Distribution



Red (57%)

Green (42%)

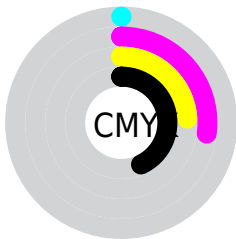
Blue (44%)



Red (57%)

Yellow (42%)

Blue (44%)

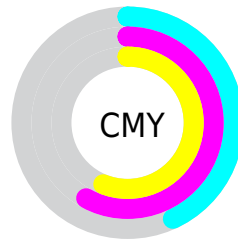


Cyan (0%)

Magenta (27%)

Yellow (24%)

Black (43%)



Cyan (43%)

Magenta (58%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.8773, 17.5668, 17.3820 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 19.8773, 17.5668, 17.3820 by changing the saturation by 10% instead.

■ 19.8773, 17.5668,
17.3820

■ 19.8773, 17.5668,
17.3820

244.0963,
238.4178, 249.4823

■ 12.4136, 10.6394,
10.3424

■ 42.7169, 39.2978,
39.7810

■ 7.1002, 5.8249,
5.5180

■ 58.8235, 54.8701,
55.9775

■ 3.5718, 2.7389,
2.4903

■ 78.5418, 74.0930,
76.0634

■ 1.4628, 0.9970,
0.8350

■ 102.2372, 97.3507,
100.4572

■ 0.3003, 0.0000,
0.0000

130.2750,
125.0276, 129.5774

■ 0.0000, 0.0000,
0.0000

163.0205,

157.5082, 163.8426

200.8392,
195.1768, 203.6714

■ 19.8773, 17.5668,
17.3820

■ 19.8773, 17.5668,
17.3820

■ 17.8450, 14.5485,
13.4786

■ 22.2674, 21.1393,
21.9015

■ 16.1518, 12.0544,
10.1635

■ 25.0299, 25.2893,
27.0612

■ 14.7796, 10.0552,
7.4085

■ 28.1803, 30.0416,
32.8850

■ 13.7078, 8.5178,
5.1823

■ 31.7328, 35.4191,
39.3954

■ 12.9135, 7.4051,
3.4508

■ 35.7011, 41.4433,
46.6138

■ 12.3707, 6.6743,
2.1758

■ 40.0980, 48.1346,
54.5608

■ 12.0360, 6.2498,
1.3094

■ 44.9357, 55.5127,
63.2559

■ 11.9652, 6.1554,
1.1401

■ 50.2262, 63.5964,
72.7181

■ 55.9808, 72.4037,
82.9656

Harmonies

Analogous

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



19.7796, 17.5668, 21.9920



19.8773, 17.5668, 17.3820



19.0838, 17.5668, 13.8515

Triad

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



19.8773, 17.5668, 17.3820



14.7355, 17.5668, 13.3089



15.7606, 17.5668, 28.7321

Complementary

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



19.8773, 17.5668, 17.3820



21.0312, 25.5453, 29.0229

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.



14.5175, 17.5668, 25.5968



19.8773, 17.5668, 17.3820



13.9521, 17.5668, 16.5227

Square

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



19.8773, 17.5668, 17.3820



16.0757, 17.5668, 11.7627



13.8749, 17.5668, 20.9856



17.3336, 17.5668, 29.0607

Rectangle

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



19.8773, 17.5668, 17.3820



18.1838, 17.5668, 12.3886



13.8749, 17.5668, 20.9856



15.2930, 17.5668, 27.9508

Sweetspot

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



19.8778, 17.5676, 17.3824



43.7577, 44.0142, 46.9995



21.2707, 18.0178, 29.5508



9.5774, 9.5552, 10.1635



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.



19.8778, 17.5676, 17.3824



32.7454, 27.5392, 26.2203



21.2530, 20.7462, 16.5211



5.8285, 5.8265, 6.2032



10.5344, 5.4188, 1.0294



0.1347, 0.0686, 0.0427

Inverse Universe

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



19.8778, 17.5676, 17.3824



32.7454, 27.5392, 26.2203



19.2940, 21.4624, 30.3198



5.8285, 5.8265, 6.2032



10.5344, 5.4188, 1.0294



0.1347, 0.0686, 0.0427

Previews

White Background



This preview shows how the XYZ color 19.8773, 17.5668, 17.3820 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 19.8773, 17.5668, 17.3820 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 19.8773, 17.5668, 17.3820

Background



This preview shows how black text looks on a background with the XYZ color 19.8773, 17.5668, 17.3820.



This preview shows how white text looks on a background with the XYZ color 19.8773, 17.5668,

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

19.8773, 17.5668, 17.3820

Protanopia

17.0640, 17.6971, 19.3461

Deuteranopia

17.9255, 17.6819, 17.2200



Tritanopia

20.0454, 17.6340, 18.2668

Trichromacy



Original Color

19.8773, 17.5668, 17.3820

Protanomaly

17.9419, 17.4933, 18.6506

Deuteranomaly

18.5437, 17.5119, 17.1546

Tritanomaly

19.9887, 17.6113, 17.9686

Monochromacy



Original Color

19.8773, 17.5668, 17.3820

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.2230, 17.9627, 19.0297

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.8773, 17.5668, 17.3820 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(146, 106, 111)` looks like.

```
.text, #text, p{  
    color:rgb(146, 106, 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(146, 106, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 106, 111) }
```

Border

The CSS property to change the border of an element to XYZ 19.8773, 17.5668, 17.3820 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(146, 106, 111) }
```


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

```
.border{ border-color:rgb(146, 106, 111) }
```

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

Here you see how a box with a 4 pixel rgb(146, 106, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 106, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 106, 111);  
box-shadow:4px 4px 4px 4px rgb(146, 106,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 19.8773, 17.5668, 17.3820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 106, 111) }
```

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

```
.background{ background-color: rgb(146,  
106, 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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