

Converting Colors

XYZ(19.9322, 18.8754, 17.7304)

Have a look what the booklet for
XYZ(19.9322, 18.8754, 17.7304)
contains.

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Color

**XYZ(19.8711, 18.8450,
17.6291)**

Conversions

Conversions Part 1

Format	Color
Hex	8D726F
RGB	141, 114, 111
RGB Percent	55%, 45%, 44%
CMY	0.4471, 0.5529, 0.5647
CMYK	0.00, 0.19, 0.21, 0.45
HSL	6°, 12%, 49%
HSV	6°, 21%, 55%
XYZ	19.8711, 18.8450, 17.6291
YIQ	121.7310, 17.0550, 4.7910

Conversions

Conversions Part 2

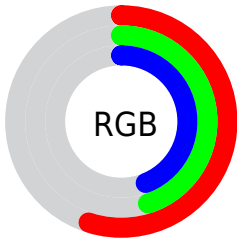
Format	Color
R_{YB}	141, 114, 111
Decimal	9269871
CIE _{Lab}	50.51, 10.09, 5.66
CIE _{LCh}	51, 11.571, 29.271
Yxy	18.8450, 0.3527, 0.3345
Android (android.graphics.Color)	4287459951 (0xFF8D726F)
YUV	121.7310, -5.2904, 16.8989
Hunter-Lab	43.4108, 5.7386, 6.3100

Details

The XYZ color **19.8711, 18.8450, 17.6291** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.4517, 23.4792, 28.6536**, and the grayscale version is **18.4242, 19.3837, 21.1088**.

A 20% lighter version of the original color is **42.7528, 41.5189, 40.4110**, and **7.0619, 6.4290, 5.5713** is the 20% darker color. If you saturate the color by 10%, you get **17.8219, 15.8925, 13.4133**, and if you desaturate by 10%, it is **22.2425, 22.2454, 22.5574**.

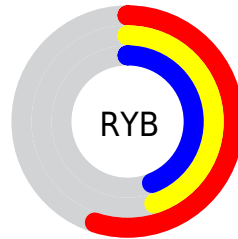
Distribution



Red (55%)

Green (45%)

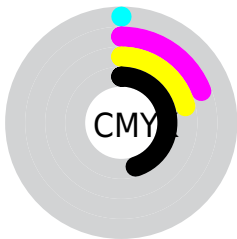
Blue (44%)



Red (55%)

Yellow (45%)

Blue (44%)

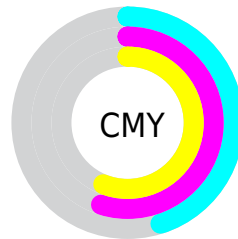


Cyan (0%)

Magenta (19%)

Yellow (21%)

Black (45%)



Cyan (45%)

Magenta (55%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.8711, 18.8450, 17.6291 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 19.8711, 18.8450, 17.6291 by changing the saturation by 10% instead.

■ 19.8711, 18.8450,
17.6291

■ 19.8711, 18.8450,
17.6291

244.0633,
245.5917, 250.9376

■ 12.4091, 11.5583,
10.5174

■ 42.7066, 41.4720,
40.2097

■ 7.0971, 6.4437,
5.6332

■ 58.8107, 57.5812,
56.5156

■ 3.5698, 3.1167,
2.5582

■ 78.5263, 77.3999,
76.7233

■ 1.4617, 1.1930,
0.8708

■ 102.2187,
101.3127, 101.2513

■ 0.2996, 0.0559,
0.0000

130.2533,
129.7039, 130.5182

■ 0.0000, 0.0000,
0.0000

162.9953,

162.9578, 164.9425

200.8102,
201.4590, 204.9428

■ 19.8711, 18.8450,
17.6291

■ 19.8711, 18.8450,
17.6291

■ 17.8219, 15.8925,
13.4133

■ 22.2425, 22.2454,
22.5574

■ 16.0796, 13.3668,
9.8759

■ 24.9475, 26.1086,
28.2278

■ 14.6296, 11.2488,
6.9818

■ 27.9990, 30.4520,
34.6697

■ 13.4559, 9.5173,
4.6923

■ 31.4086, 35.2912,
41.9105

■ 12.5408, 8.1486,
2.9643

■ 35.1875, 40.6413,
49.9763

■ 11.8645, 7.1170,
1.7493

■ 39.3464, 46.5167,
58.8919

■ 11.4043, 6.3931,
0.9904

■ 43.8953, 52.9310,
68.6812

■ 11.1432, 5.9798,
0.5669

■ 48.8442, 59.8977,
79.3671

■ 54.2025, 67.4295,
90.9717

Harmonies

Analogous

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



20.1692, 18.8450, 20.5981



19.8711, 18.8450, 17.6291



19.0430, 18.8450, 15.6290

Triad

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



19.8711, 18.8450, 17.6291



16.1111, 18.8450, 17.5057



17.8840, 18.8450, 27.3783

Complementary

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



19.8711, 18.8450, 17.6291



20.4517, 23.4792, 28.6536

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.



16.8260, 18.8450, 26.3354



19.8711, 18.8450, 17.6291



15.8291, 18.8450, 20.4401

Square

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



19.8711, 18.8450, 17.6291



16.8719, 18.8450, 15.5632



16.0854, 18.8450, 23.7086



18.9932, 18.8450, 26.4288

Rectangle

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



19.8711, 18.8450, 17.6291



18.3184, 18.8450, 15.0008



16.0854, 18.8450, 23.7086



17.5108, 18.8450, 27.2475

Sweetspot

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



19.8716, 18.8459, 17.6295



42.2496, 43.2931, 45.4541



21.2567, 18.8669, 26.5664



9.3774, 9.5852, 10.0283



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.



19.8716, 18.8459, 17.6295



33.5778, 30.8588, 27.4285



21.7043, 22.5113, 18.2404



5.4496, 5.5056, 5.6648



10.1666, 5.4648, 0.5190



0.1041, 0.0660, 0.0073

Inverse Universe

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



20.4517, 23.4792, 28.6536



34.8257, 40.8361, 51.1745



18.4465, 19.4688, 27.9852



5.5148, 6.0254, 6.9011



11.2973, 15.5807, 25.3890



0.1166, 0.1662, 0.2456

Previews

White Background



This preview shows how the XYZ color 19.8711, 18.8450, 17.6291 looks on a white background.

Color Contrast Check

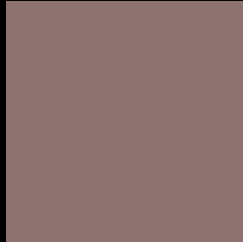
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the XYZ color 19.8711, 18.8450, 17.6291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

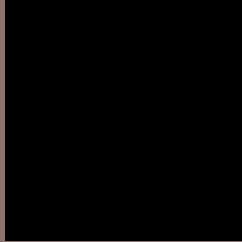
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.8711, 18.8450, 17.6291

Background



This preview shows how black text looks on a background with the XYZ color 19.8711, 18.8450, 17.6291.

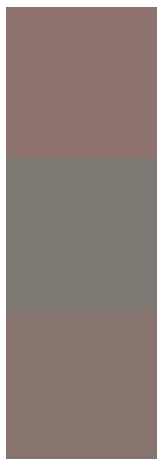


This preview shows how white text looks on a background with the XYZ color 19.8711, 18.8450,

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

19.8711, 18.8450, 17.6291

Protanopia

18.0659, 18.9329, 18.6218

Deuteranopia

19.2680, 18.8727, 17.6662



Tritanopia

20.4007, 18.7196, 20.6272

Trichromacy



Original Color

19.8711, 18.8450, 17.6291

Protanomaly

18.6650, 18.8949, 18.2861

Deuteranomaly

19.4812, 18.8124, 17.6433

Tritanomaly

20.2713, 18.8454, 19.3987

Monochromacy



Original Color

19.8711, 18.8450, 17.6291

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.9201, 19.1688, 19.8423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.8711, 18.8450, 17.6291 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, 114, 111)` looks like.

```
.text, #text, p{  
    color:rgb(141, 114, 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(141, 114, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 114, 111) }
```

Border

The CSS property to change the border of an element to XYZ 19.8711, 18.8450, 17.6291 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, 114, 111) }
```


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

```
.border{ border-color:rgb(141, 114, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 114, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 114, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 114, 111);  
box-shadow:4px 4px 4px 4px rgb(141, 114,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 19.8711, 18.8450, 17.6291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 114, 111) }
```

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

```
.background{ background-color: rgb(141,  
114, 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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