

Converting Colors

XYZ(21.8715, 18.8612, 21.9963)

Have a look what the booklet for
XYZ(21.8715, 18.8612, 21.9963)
contains.

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Color

**XYZ(21.8267, 18.7851,
21.8775)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 976C7D |
| RGB | 151, 108, 125 |
| RGB Percent | 59%, 42%, 49% |
| CMY | 0.4078, 0.5765, 0.5098 |
| CMYK | 0.00, 0.28, 0.17, 0.41 |
| HSL | 336°, 17%, 51% |
| HSV | 336°, 28%, 59% |
| XYZ | 21.8267, 18.7851, 21.8775 |
| YIQ | 122.7950, 20.1710, 14.4030 |

Conversions

Conversions Part 2

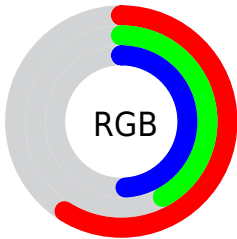
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 151, 108, 125 |
| Decimal | 9923709 |
| CIE Lab | 50.43, 19.83, -2.60 |
| CIE LCh | 50, 19.999, 352.535 |
| Yxy | 18.7851, 0.3493, 0.3006 |
| Android (android.graphics.Color) | 4288113789 (0xFF976C7D) |
| YUV | 122.7950, 1.0871, 24.7358 |
| Hunter-Lab | 43.3418, 14.0436, 0.4116 |

Details

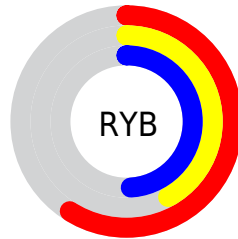
The XYZ color **21.8267, 18.7851, 21.8775** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.5548, 27.0430, 26.6393**, and the grayscale version is **18.7515, 19.7281, 21.4839**.

A 20% lighter version of the original color is **46.0603, 41.4778, 47.6979**, and **8.0660, 6.4062, 7.6489** is the 20% darker color. If you saturate the color by 10%, you get **19.8133, 15.6491, 18.4596**, and if you desaturate by 10%, it is **24.1707, 22.4959, 25.6706**.

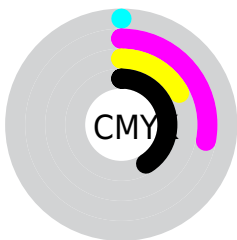
Distribution



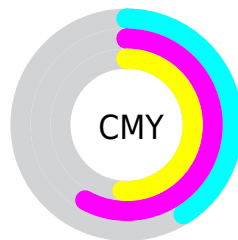
- Red (59%)
- Green (42%)
- Blue (49%)



- Red (59%)
- Yellow (42%)
- Blue (49%)



- Cyan (0%)
- Magenta (28%)
- Yellow (17%)
- Black (41%)



- Cyan (41%)
- Magenta (58%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8267, 18.7851, 21.8775 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 21.8267, 18.7851, 21.8775 by changing the saturation by 10% instead.

■ 21.8267, 18.7851,
21.8775

■ 21.8267, 18.7851,
21.8775

254.2893,
245.2598, 274.8385

■ 13.8455, 11.5151,
13.5695

■ 45.9404, 41.3707,
47.4430

■ 8.0943, 6.4144,
7.6865

■ 62.8036, 57.4550,
65.5376

■ 4.2076, 3.0987,
3.8101

■ 83.3582, 77.2462,
87.7315

■ 1.8203, 1.1835,
1.5218

■ 107.9695,
101.1288, 114.4431

■ 0.5298, 0.0481,
0.2341

137.0029,
129.4870, 146.0911

■ 0.0000, 0.0000,
0.0000

170.8238,

162.7053, 183.0939

209.7975,
201.1681, 225.8702

■ 21.8267, 18.7851,
21.8775

■ 21.8267, 18.7851,
21.8775

■ 19.8133, 15.6491,
18.4596

■ 24.1707, 22.4959,
25.6706

■ 18.1131, 13.0563,
15.4035

■ 26.8582, 26.8060,
29.8494

■ 16.7098, 10.9761,
12.6964


■ 29.9034, 31.7413,
34.4255


■ 15.5847, 9.3735,
10.3243


■ 33.3192, 37.3257,
39.4096


■ 14.7167, 8.2093,
8.2723


■ 37.1180, 43.5817,
44.8117

 14.0816, 7.4378,
6.5235


 41.3114, 50.5308,
50.6418

 13.6321, 6.9672,
5.0531

 45.9106, 58.1933,
56.9095

 13.5700, 6.9023,
4.8494

 50.9262, 66.5890,
63.6238

 56.3687, 75.7368,
70.7937

Harmonies

Analogous

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



20.9916, 18.7851, 27.6873



21.8267, 18.7851, 21.8775



21.5377, 18.7851, 16.6164

Triad

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



21.8267, 18.7851, 21.8775



16.4590, 18.7851, 12.0681



15.6745, 18.7851, 30.1905

Complementary

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



21.8267, 18.7851, 21.8775



21.5548, 27.0430, 26.6393

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.



14.6175, 18.7851, 24.8407



21.8267, 18.7851, 21.8775



15.0469, 18.7851, 14.6045

Square

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



21.8267, 18.7851, 21.8775



18.3451, 18.7851, 11.5637



14.3964, 18.7851, 19.0932



17.3731, 18.7851, 33.0220

Rectangle

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



21.8267, 18.7851, 21.8775



20.7555, 18.7851, 14.0321



14.3964, 18.7851, 19.0932



15.2375, 18.7851, 28.5853

Sweetspot

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



21.8272, 18.7860, 21.8779



47.7391, 47.4251, 52.9053



20.7488, 18.0124, 31.6614



10.6952, 10.5290, 11.7862



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



21.8272, 18.7860, 21.8779



36.7836, 30.0391, 35.3036



21.2972, 19.3176, 16.7946



6.3049, 6.2611, 6.9856



11.5576, 5.8773, 4.1955



0.1899, 0.0947, 0.1530

Inverse Universe

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



21.8272, 18.7860, 21.8779



36.7836, 30.0391, 35.3036



22.1580, 26.1972, 33.1670



6.3049, 6.2611, 6.9856



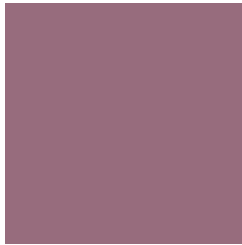
11.5576, 5.8773, 4.1955



0.1899, 0.0947, 0.1530

Previews

White Background



This preview shows how the XYZ color 21.8267, 18.7851, 21.8775 looks on a white background.

Color Contrast Check

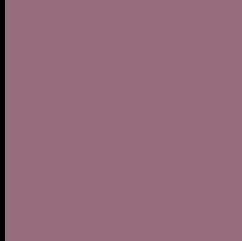
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.8267, 18.7851, 21.8775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

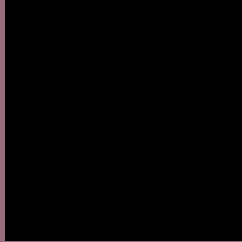
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.8267, 18.7851, 21.8775

Background



This preview shows how black text looks on a background with the XYZ color 21.8267, 18.7851, 21.8775.



This preview shows how white text looks on a background with the XYZ color 21.8267, 18.7851,

21.8775.

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

21.8267, 18.7851, 21.8775

Protanopia

18.4891, 19.0208, 24.5267

Deuteranopia

19.2965, 18.9779, 21.3850



Tritanopia

21.3163, 18.7293, 19.6312

Trichromacy



Original Color

21.8267, 18.7851, 21.8775

Protanomaly

19.5679, 18.9011, 23.3858

Deuteranomaly

20.1366, 18.8931, 21.6542

Tritanomaly

21.4975, 18.8018, 20.5852

Monochromacy



Original Color

21.8267, 18.7851, 21.8775

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.7894, 19.3986, 21.7701

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8267, 18.7851, 21.8775 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(151, 108, 125)` looks like.

```
.text, #text, p{  
    color:rgb(151, 108, 125)  
}
```

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(151, 108, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 108, 125) }
```

Border

The CSS property to change the border of an element to XYZ 21.8267, 18.7851, 21.8775 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(151, 108, 125) }
```


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

```
.border{ border-color:rgb(151, 108, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 108, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 108, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 108, 125);  
box-shadow:4px 4px 4px 4px rgb(151, 108,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8267, 18.7851, 21.8775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 108, 125) }
```

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

```
.background{ background-color: rgb(151,  
108, 125) }
```

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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