

# Converting Colors

XYZ(26.1251, 27.0277, 24.0481)

Have a look what the booklet for  
XYZ(26.1251, 27.0277, 24.0481)  
contains.

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# Color

**XYZ(25.9713, 26.8678,  
23.8958)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	978C7F
RGB	151, 140, 127
RGB Percent	59%, 55%, 50%
CMY	0.4078, 0.4510, 0.5020
CMYK	0.00, 0.07, 0.16, 0.41
HSL	33°, 10%, 55%
HSV	33°, 16%, 59%
XYZ	25.9713, 26.8678, 23.8958
YIQ	141.8070, 10.7290, -1.7110

# Conversions

## Conversions Part 2

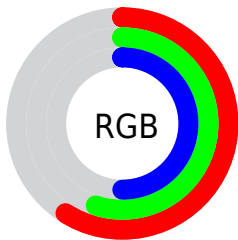
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	147, 151, 127
Decimal	9931903
CIE Lab	58.85, 1.82, 8.42
CIE LCh	59, 8.611, 77.808
Yxy	26.8678, 0.3385, 0.3501
Android (android.graphics.Color)	4288121983 (0xFF978C7F)
YUV	141.8070, -7.2999, 8.0623
Hunter-Lab	51.8342, -1.2731, 8.9509

# Details

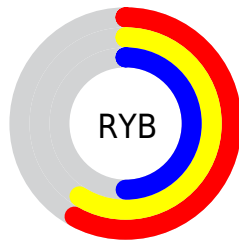
The XYZ color **25.9713, 26.8678, 23.8958** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.4265, 24.9226, 32.8541**, and the grayscale version is **25.6604, 26.9968, 29.3995**.

A 20% lighter version of the original color is **52.7068, 54.8580, 50.9907**, and **10.2868, 10.5717, 8.7061** is the 20% darker color. If you saturate the color by 10%, you get **24.0809, 24.5454, 18.7689**, and if you desaturate by 10%, it is **28.0743, 29.3787, 29.8220**.

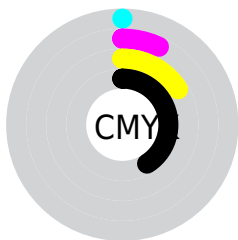
# Distribution



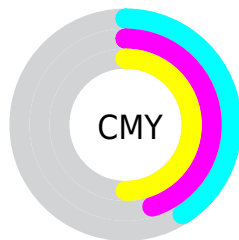
- Red (59%)
- Green (55%)
- Blue (50%)



- Red (58%)
- Yellow (59%)
- Blue (50%)



- Cyan (0%)
- Magenta (7%)
- Yellow (16%)
- Black (41%)



- Cyan (41%)
- Magenta (45%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9713, 26.8678, 23.8958 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 25.9713, 26.8678, 23.8958 by changing the saturation by 10% instead.



■ 25.9713, 26.8678,  
23.8958

■ 25.9713, 26.8678,  
23.8958

274.9004,  
287.0165, 285.5628

■ 16.9347, 17.4740,  
15.0449

■ 52.6603, 54.6717,  
50.8018

■ 10.2830, 10.5730,  
8.7039

■ 71.0434, 73.8505,  
69.6939

■ 5.6507, 5.7805,  
4.4544

■ 93.2728, 97.0597,  
92.7702

■ 2.6725, 2.7121,  
1.8778

119.7137,  
124.6838, 120.4492

■ 0.9830, 0.9833,  
0.4785

150.7316,  
157.1071, 153.1494

■ 0.0000, 0.0000,  
0.0000

186.6918,

194.7141, 191.2894

227.9596,  
237.8891, 235.2877

■ 25.9713, 26.8678,  
23.8958

■ 25.9713, 26.8678,  
23.8958

■ 24.0809, 24.5454,  
18.7689

■ 28.0743, 29.3787,  
29.8220

■ 22.3931, 22.4031,  
14.4046

■ 30.3949, 32.0794,  
36.5783

■ 20.9005, 20.4367,  
10.7662

■ 32.9408, 34.9754,  
44.1962

■ 19.5943, 18.6410,  
7.8130

■ 35.7186, 38.0711,  
52.7050

■ 18.4647, 17.0098,  
5.5002

■ 38.7343, 41.3708,  
62.1325

■ 17.5010, 15.5369,  
3.7779

■ 41.9943, 44.8784,  
72.5054

■ 16.6910, 14.2152,  
2.5883

■ 45.5040, 48.5979,  
83.8491

■ 16.0179, 13.0357,  
1.8500

■ 49.2693, 52.5330,  
96.1884

■ 15.7658, 12.5858,  
1.5984

■ 51.9969, 56.1681,  
102.7087

# Harmonies

## Analogous

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



26.9351, 26.8678, 25.1268



25.9713, 26.8678, 23.8958



24.9168, 26.8678, 24.0258

# Triad

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



25.9713, 26.8678, 23.8958



23.6393, 26.8678, 31.0822



27.0821, 26.8678, 33.3663

# Complementary

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



25.9713, 26.8678, 23.8958



23.4265, 24.9226, 32.8541

# 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.



26.1675, 26.8678, 35.1915



25.9713, 26.8678, 23.8958



24.1882, 26.8678, 33.8111

# Square

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



25.9713, 26.8678, 23.8958



23.5901, 26.8678, 28.0351



25.1076, 26.8678, 35.3597



27.5882, 26.8678, 30.5087



# Rectangle

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



25.9713, 26.8678, 23.8958



24.3040, 26.8678, 24.8675



25.1076, 26.8678, 35.3597



26.8111, 26.8678, 34.1293

# Sweetspot

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



25.9720, 26.8690, 23.8964



50.5929, 52.9848, 54.3123



24.9540, 23.5991, 27.3608



11.4406, 11.9740, 12.1767



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.



25.9720, 26.8690, 23.8964



45.2895, 46.6306, 39.4343



27.5120, 30.1686, 24.4521



6.4721, 6.7493, 6.5675



13.4411, 10.7646, 1.3693



0.2373, 0.2336, 0.0326



# Inverse Universe

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



23.4265, 24.9226, 32.8541



39.8626, 42.4813, 58.5324



22.0476, 21.9871, 32.3601



6.1060, 6.4693, 7.8559



6.6002, 5.5971, 25.6402



0.1345, 0.1552, 0.3952



# Previews

## White Background



This preview shows how the XYZ color 25.9713, 26.8678, 23.8958 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 25.9713, 26.8678, 23.8958 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

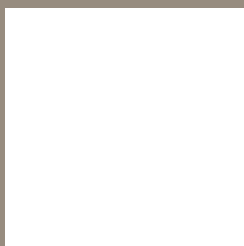
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 25.9713, 26.8678, 23.8958**

## **Background**



This preview shows how black text looks on a background with the XYZ color 25.9713, 26.8678, 23.8958.



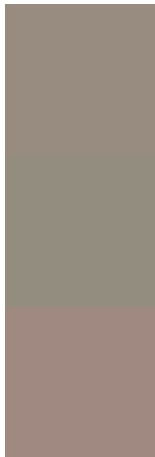
This preview shows how white text looks on a background with the XYZ color 25.9713, 26.8678,



# 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

25.9713, 26.8678, 23.8958

### Protanopia

25.4538, 26.8113, 24.2556

### Deuteranopia

27.3391, 26.9234, 24.1779



## Tritanopia

27.6174, 26.8995, 31.7535

# Trichromacy



## Original Color

25.9713, 26.8678, 23.8958

## Protanomaly

25.6339, 26.9042, 24.2640

## Deuteranomaly

26.8894, 26.9036, 24.1978

## Tritanomaly

26.9590, 26.8427, 28.5712

# Monochromacy



## Original Color

25.9713, 26.8678, 23.8958

## Achromatopsia

25.7108, 27.0498, 29.4572

## Achromatomaly

25.7173, 26.8756, 27.4990

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 25.9713, 26.8678, 23.8958 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, 140, 127)` looks like.

```
.text, #text, p{  
    color:rgb(151, 140, 127)  
}
```

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, 140, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 140, 127) }
```

## Border

The CSS property to change the border of an element to XYZ 25.9713, 26.8678, 23.8958 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, 140, 127) }
```



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

```
.border{ border-color:rgb(151, 140, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 140, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 140, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 140, 127);  
box-shadow:4px 4px 4px 4px rgb(151, 140,  
127) }
```

# Background

The CSS property to change the background color of an element to XYZ 25.9713, 26.8678, 23.8958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 140, 127) }
```

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

```
.background{ background-color: rgb(151,  
140, 127) }
```

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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