

Converting Colors

XYZ(26.9724, 28.2820, 18.2406)

Have a look what the booklet for
XYZ(26.9724, 28.2820, 18.2406)
contains.

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Color

**XYZ(26.8273, 28.0986,
18.1970)**

Conversions

Conversions Part 1

Format	Color
Hex	9F8F6C
RGB	159, 143, 108
RGB Percent	62%, 56%, 42%
CMY	0.3765, 0.4392, 0.5765
CMYK	0.00, 0.10, 0.32, 0.38
HSL	41°, 21%, 52%
HSV	41°, 32%, 62%
XYZ	26.8273, 28.0986, 18.1970
YIQ	143.7940, 20.7710, -7.4930

Conversions

Conversions Part 2

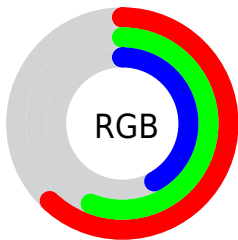
Format	Color
R_{YB}	131, 159, 108
Decimal	10456940
CIE _{Lab}	59.98, 0.49, 20.83
CIE _{LCh}	60, 20.837, 88.648
Yxy	28.0986, 0.3669, 0.3843
Android (android.graphics.Color)	4288647020 (0xFF9F8F6C)
YUV	143.7940, -17.6464, 13.3357
Hunter-Lab	53.0081, -2.4257, 16.7522

Details

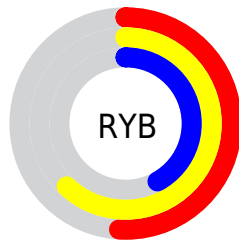
The XYZ color **26.8273, 28.0986, 18.1970** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.6498, 20.1060, 35.6460**, and the grayscale version is **26.4899, 27.8694, 30.3498**.

A 20% lighter version of the original color is **54.0430, 56.7667, 41.3664**, and **10.7934, 11.2807, 5.8835** is the 20% darker color. If you saturate the color by 10%, you get **25.3252, 26.3273, 13.8954**, and if you desaturate by 10%, it is **28.5185, 30.0008, 23.3237**.

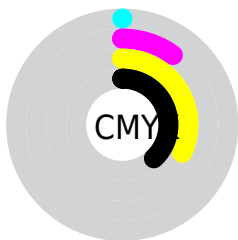
Distribution



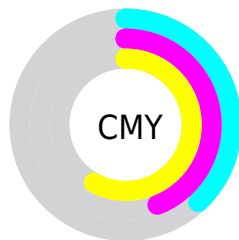
- Red (62%)
- Green (56%)
- Blue (42%)



- Red (51%)
- Yellow (62%)
- Blue (42%)



- Cyan (0%)
- Magenta (10%)
- Yellow (32%)
- Black (38%)



- Cyan (38%)
- Magenta (44%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8273, 28.0986, 18.1970 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 26.8273, 28.0986, 18.1970 by changing the saturation by 10% instead.

■ 26.8273, 28.0986,
18.1970

■ 26.8273, 28.0986,
18.1970

279.0028,
292.9378, 254.2524

■ 17.5795, 18.4000,
10.9206

■ 54.0285, 56.6418,
41.1912

■ 10.7464, 11.2375,
5.9000

■ 72.7125, 76.2552,
57.7461

■ 5.9626, 6.2268,
2.7165

■ 95.2727, 99.9424,
78.2309

■ 2.8628, 2.9835,
0.9517

■ 122.0743,
128.0876, 103.0641

■ 1.0816, 1.1231,
0.0000

153.4828,
161.0754, 132.6643

■ 0.0097, 0.0000,
0.0000

189.8635,

■ 0.0000, 0.0000,

199.2901, 167.4501

0.0000

231.5817,
243.1161, 207.8399

■ 26.8273, 28.0986,
18.1970

■ 26.8273, 28.0986,
18.1970

■ 25.3252, 26.3273,
13.8954

■ 28.5185, 30.0008,
23.3237

■ 24.0013, 24.6789,
10.3728

■ 30.4047, 32.0339,
29.3149

■ 22.8465, 23.1500,
7.5811

■ 32.4945, 34.2030,
36.2093

■ 21.8502, 21.7357,
5.4664

■ 34.7949, 36.5116,
44.0429

■ 21.0003, 20.4304,
3.9670

■ 37.3129, 38.9631,
52.8496

■ 20.2825, 19.2276,
3.0097

■ 40.0549, 41.5608,
62.6619

■ 19.7806, 18.3360,
2.4966

■ 43.0271, 44.3076,
73.5105

■ 46.2355, 47.2066,
85.4248

■ 49.6858, 50.2606,
98.4331

Harmonies

Analogous

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



29.4480, 28.0986, 19.7436



26.8273, 28.0986, 18.1970



24.3366, 28.0986, 19.4876

Triad

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



26.8273, 28.0986, 18.1970



22.4783, 28.0986, 38.1415



31.3012, 28.0986, 38.8366

Complementary

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



26.8273, 28.0986, 18.1970



19.6498, 20.1060, 35.6460

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.



29.2262, 28.0986, 45.2786



26.8273, 28.0986, 18.1970



24.1414, 28.0986, 44.8329

Square

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



26.8273, 28.0986, 18.1970



21.9278, 28.0986, 30.2515



26.5868, 28.0986, 47.6342



32.1343, 28.0986, 30.9403

Rectangle

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



26.8273, 28.0986, 18.1970



23.0600, 28.0986, 21.9271



26.5868, 28.0986, 47.6342



30.7193, 28.0986, 41.2894

Sweetspot

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



26.8280, 28.0999, 18.1976



55.1292, 58.0831, 54.7014



23.3084, 19.5554, 21.6649



12.3213, 12.9816, 11.9824



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



26.8280, 28.0999, 18.1976



46.2209, 48.1889, 27.3084



27.6184, 32.3299, 18.9724



6.9945, 7.3691, 7.0394



15.6618, 14.5593, 1.9847



0.3160, 0.3321, 0.0475

Inverse Universe

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



19.6498, 20.1060, 35.6460



31.4575, 31.7544, 63.2147



19.0041, 17.0349, 35.0873



6.4461, 6.7579, 8.3713



5.8731, 3.8378, 26.3385



0.1405, 0.1395, 0.4828

Previews

White Background



This preview shows how the XYZ color 26.8273, 28.0986, 18.1970 looks on a white background.

Color Contrast Check

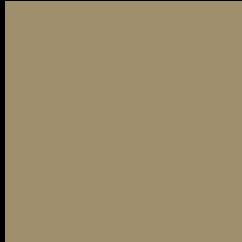
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8273, 28.0986, 18.1970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

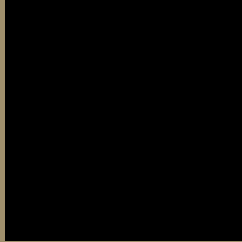
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.8273, 28.0986, 18.1970

Background



This preview shows how black text looks on a background with the XYZ color 26.8273, 28.0986, 18.1970.



This preview shows how white text looks on a background with the XYZ color 26.8273, 28.0986,

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

26.8273, 28.0986, 18.1970

Protanopia

26.2511, 28.0192, 18.4927

Deuteranopia

28.5705, 28.1154, 18.3890



Tritanopia

29.7436, 28.2076, 31.8939

Trichromacy



Original Color

26.8273, 28.0986, 18.1970

Protanomaly

26.4439, 28.1186, 18.5017

Deuteranomaly

27.8643, 27.9673, 18.3976

Tritanomaly

28.5120, 28.1310, 26.1174

Monochromacy



Original Color

26.8273, 28.0986, 18.1970

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.4644, 27.9748, 25.4776

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8273, 28.0986, 18.1970 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(159, 143, 108)` looks like.

```
.text, #text, p{  
    color:rgb(159, 143, 108)  
}
```

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(159, 143, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 143, 108) }
```

Border

The CSS property to change the border of an element to XYZ 26.8273, 28.0986, 18.1970 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(159, 143, 108) }
```


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

```
.border{ border-color:rgb(159, 143, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 143, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 143, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 143, 108);  
box-shadow:4px 4px 4px 4px rgb(159, 143,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8273, 28.0986, 18.1970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 143, 108) }
```

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

```
.background{ background-color: rgb(159,  
143, 108) }
```

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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