

Converting Colors

XYZ(27.0063, 29.3382, 29.1101)

Have a look what the booklet for
XYZ(27.0063, 29.3382, 29.1101)
contains.

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Color

**XYZ(26.9827, 29.3176,
29.0477)**

Conversions

Conversions Part 1

Format	Color
Hex	90958C
RGB	144, 149, 140
RGB Percent	56%, 58%, 55%
CMY	0.4353, 0.4157, 0.4510
CMYK	0.03, 0.00, 0.06, 0.42
HSL	93°, 4%, 57%
HSV	93°, 6%, 58%
XYZ	26.9827, 29.3176, 29.0477
YIQ	146.4790, -0.0910, -3.8590

Conversions

Conversions Part 2

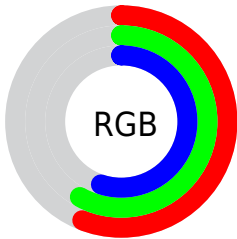
Format	Color
R_{YB}	140, 149, 145
Decimal	9475468
CIE _{Lab}	61.06, -3.55, 4.11
CIE _{LCh}	61, 5.431, 130.757
Yxy	29.3176, 0.3161, 0.3435
Android (android.graphics.Color)	4287665548 (0xFF90958C)
YUV	146.4790, -3.1941, -2.1741
Hunter-Lab	54.1457, -5.8023, 6.0946

Details

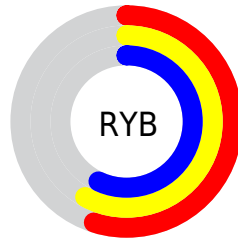
The XYZ color **26.9827, 29.3176, 29.0477** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.4810, 26.9466, 32.2407**, and the grayscale version is **27.5317, 28.9655, 31.5435**.

A 20% lighter version of the original color is **54.3822, 58.6127, 59.4861**, and **10.8292, 11.8532, 11.3900** is the 20% darker color. If you saturate the color by 10%, you get **24.5643, 28.1902, 23.5824**, and if you desaturate by 10%, it is **29.6576, 30.5618, 35.3029**.

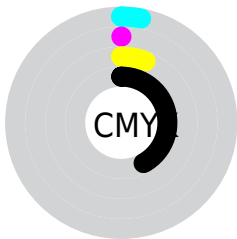
Distribution



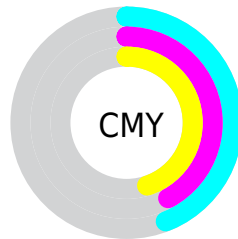
- Red (56%)
- Green (58%)
- Blue (55%)



- Red (55%)
- Yellow (58%)
- Blue (57%)



- Cyan (3%)
- Magenta (0%)
- Yellow (6%)
- Black (42%)



- Cyan (44%)
- Magenta (42%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9827, 29.3176, 29.0477 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 26.9827, 29.3176, 29.0477 by changing the saturation by 10% instead.

■ 26.9827, 29.3176,
29.0477

■ 26.9827, 29.3176,
29.0477

279.7424,
298.7105, 311.5079

■ 17.6968, 19.3212,
18.8710

■ 54.2762, 58.5813,
59.1960

■ 10.8309, 11.9026,
11.4012

■ 73.0144, 78.6174,
80.0046

■ 6.0197, 6.6774,
6.2198

■ 95.6342, 102.7689,
105.1943

■ 2.8978, 3.2612,
2.9083

122.5007,
131.4201, 135.1837

■ 1.1000, 1.2696,
1.0480

153.9795,
164.9555, 170.3911

■ 0.0251, 0.1174,
0.0000

190.4358,

■ 0.0000, 0.0000,

203.7595, 211.2353

0.0000

232.2350,
248.2163, 258.1347

■ 26.9827, 29.3176,
29.0477

■ 26.9827, 29.3176,
29.0477

■ 24.5643, 28.1902,
23.5824

■ 29.6576, 30.5618,
35.3029

■ 22.3918, 27.1722,
18.8737

■ 32.5945, 31.9222,
42.3757

■ 20.4573, 26.2611,
14.8888

■ 35.8014, 33.4035,
50.2949

■ 18.7516, 25.4530,
11.5917

■ 39.2856, 35.0087,
59.0872

■ 17.2648, 24.7436,
8.9433

■ 43.0540, 36.7408,
68.7781

■ 15.9861, 24.1283,
6.9005

■ 47.1130, 38.6026,
79.3922

■ 14.9036, 23.6020,
5.4152

■ 51.4692, 40.5969,
90.9531

■ 14.0041, 23.1591,
4.4318

■ 55.4442, 42.4526,
99.8797

■ 13.2691, 22.7919,
3.8693

■ 57.8665, 43.7013,
99.9930

Harmonies

Analogous

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



27.6112, 29.3176, 28.2287



26.9827, 29.3176, 29.0477



26.5949, 29.3176, 30.6491

Triad

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



26.9827, 29.3176, 29.0477



27.4175, 29.3176, 35.7619



29.2299, 29.3176, 31.1969

Complementary

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



26.9827, 29.3176, 29.0477



26.4810, 26.9466, 32.2407

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.



29.1759, 29.3176, 33.2294



26.9827, 29.3176, 29.0477



28.1214, 29.3176, 35.9239

Square

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



26.9827, 29.3176, 29.0477



26.8430, 29.3176, 34.5461



28.7673, 29.3176, 34.9797



28.9137, 29.3176, 29.4340

Rectangle

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



26.9827, 29.3176, 29.0477



26.5211, 29.3176, 31.9736



28.7673, 29.3176, 34.9797



29.2546, 29.3176, 31.8702

Sweetspot

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



26.9835, 29.3189, 29.0483



50.1820, 53.3693, 56.3281



27.2469, 28.5196, 28.8802



11.1346, 11.8337, 12.5147



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



26.9835, 29.3189, 29.0483



47.8228, 52.2714, 50.8740



26.3304, 28.9783, 29.1914



6.0637, 6.6355, 6.4355



10.9814, 19.0890, 3.1058



0.1674, 0.2507, 0.0396

Inverse Universe

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



26.4810, 26.9466, 32.2407



46.7666, 47.2856, 57.5834



27.1625, 27.3021, 32.0854



5.9257, 5.9839, 7.3124



7.5873, 3.3840, 24.1843



0.1268, 0.0589, 0.2976

Previews

White Background



This preview shows how the XYZ color 26.9827, 29.3176, 29.0477 looks on a white background.

Color Contrast Check

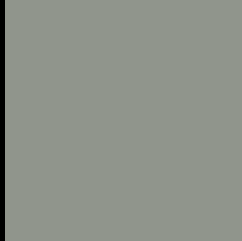
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9827, 29.3176, 29.0477 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 26.9827, 29.3176, 29.0477

Background



This preview shows how black text looks on a background with the XYZ color 26.9827, 29.3176, 29.0477.



This preview shows how white text looks on a background with the XYZ color 26.9827, 29.3176,

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

26.9827, 29.3176, 29.0477

Protanopia

28.0428, 29.4069, 28.6242

Deuteranopia

29.7906, 29.1616, 29.2579



Tritanopia

28.4831, 29.2294, 36.4884

Trichromacy



Original Color

26.9827, 29.3176, 29.0477

Protanomaly

27.6445, 29.4335, 28.6503

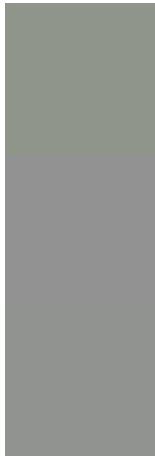
Deuteranomaly

28.8377, 29.3420, 29.3430

Tritanomaly

27.8737, 29.2128, 33.4477

Monochromacy



Original Color

26.9827, 29.3176, 29.0477

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.1448, 28.9008, 30.5333

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9827, 29.3176, 29.0477 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(144, 149, 140)` looks like.

```
.text, #text, p{  
    color:rgb(144, 149, 140)  
}
```

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(144, 149, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 149, 140) }
```

Border

The CSS property to change the border of an element to XYZ 26.9827, 29.3176, 29.0477 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(144, 149, 140) }
```


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

```
.border{ border-color:rgb(144, 149, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 149, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 149, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 149, 140);  
box-shadow:4px 4px 4px 4px rgb(144, 149,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9827, 29.3176, 29.0477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 149, 140) }
```

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

```
.background{ background-color: rgb(144,  
149, 140) }
```

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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