

Converting Colors

XYZ(27.8221, 28.4145, 26.9275)

Have a look what the booklet for
XYZ(27.8221, 28.4145, 26.9275)
contains.

XYZ(27.9059, 28.4621, 26.9446)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.9059, 28.4621,
26.9446)**

Conversions

Conversions Part 1

Format	Color
Hex	9C8F87
RGB	156, 143, 135
RGB Percent	61%, 56%, 53%
CMY	0.3882, 0.4392, 0.4706
CMYK	0.00, 0.08, 0.13, 0.39
HSL	23°, 10%, 57%
HSV	23°, 13%, 61%
XYZ	27.9059, 28.4621, 26.9446
YIQ	145.9750, 10.3160, 0.2680

Conversions

Conversions Part 2

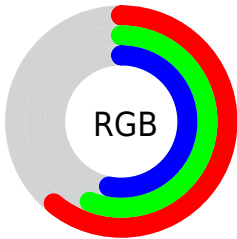
Format	Color
R_{YB}	156, 148, 135
Decimal	10260359
CIE _{Lab}	60.30, 3.42, 5.99
CIE _{LCh}	60, 6.903, 60.268
Yxy	28.4621, 0.3350, 0.3416
Android (android.graphics.Color)	4288450439 (0xFF9C8F87)
YUV	145.9750, -5.4107, 8.7919
Hunter-Lab	53.3499, 0.0063, 7.4002

Details

The XYZ color **27.9059, 28.4621, 26.9446** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.5822, 28.7303, 35.5971**, and the grayscale version is **27.3305, 28.7538, 31.3129**.

A 20% lighter version of the original color is **55.9073, 57.4122, 55.7120**, and **11.3797, 11.4878, 10.2119** is the 20% darker color. If you saturate the color by 10%, you get **25.4997, 25.2803, 21.1149**, and if you desaturate by 10%, it is **30.5994, 31.9603, 33.6648**.

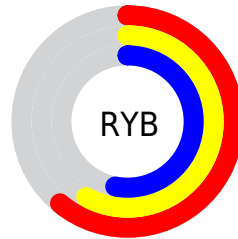
Distribution



Red (61%)

Green (56%)

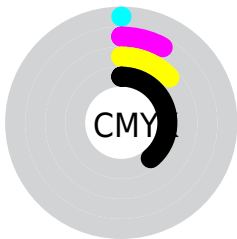
Blue (53%)



Red (61%)

Yellow (58%)

Blue (53%)

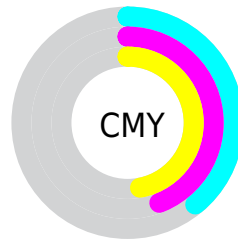


Cyan (0%)

Magenta (8%)

Yellow (13%)

Black (39%)



Cyan (39%)

Magenta (44%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9059, 28.4621, 26.9446 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 27.9059, 28.4621, 26.9446 by changing the saturation by 10% instead.

■ 27.9059, 28.4621,
26.9446

■ 27.9059, 28.4621,
26.9446

284.1052,
294.6685, 301.1405

■ 18.3948, 18.6743,
17.2995

■ 55.7439, 57.2214,
55.7976

■ 11.3352, 11.4352,
10.2841

■ 74.8015, 76.9616,
75.8427

■ 6.3617, 6.3603,
5.4797

■ 97.7720, 100.7881,
100.1914

■ 3.1090, 3.0654,
2.4677

125.0207,
129.0853, 129.2625

■ 1.2117, 1.1660,
0.8230

156.9131,
162.2375, 163.4744

■ 0.1155, 0.0336,
0.0000

193.8144,

■ 0.0000, 0.0000,

200.6292, 203.2457

0.0000

236.0900,
244.6447, 248.9948

■ 27.9059, 28.4621,
26.9446

■ 27.9059, 28.4621,
26.9446

■ 25.4997, 25.2803,
21.1149

■ 30.5994, 31.9603,
33.6648

■ 23.3684, 22.4022,
16.1362

■ 33.5874, 35.7798,
41.3092

■ 21.5019, 19.8194,
11.9685

■ 36.8799, 39.9302,
49.9118

■ 19.8889, 17.5219,
8.5680

■ 40.4854, 44.4194,
59.5047

■ 18.5168, 15.4992,
5.8867

■ 44.4123, 49.2552,
70.1181

■ 17.3720, 13.7397,
3.8711

■ 48.6687, 54.4449,
81.7810

■ 16.4393, 12.2310,
2.4600

■ 53.2621, 59.9959,
94.5215

■ 15.7008, 10.9593,
1.5808

■ 57.4173, 65.6019,
104.2440

■ 15.2977, 10.2425,
1.1707

■ 60.0287, 70.8246,
105.1144

Harmonies

Analogous

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



28.5503, 28.4621, 28.5961



27.9059, 28.4621, 26.9446



27.0444, 28.4621, 26.3639

Triad

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



27.9059, 28.4621, 26.9446



25.3846, 28.4621, 31.0133



27.9200, 28.4621, 35.3972

Complementary

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



27.9059, 28.4621, 26.9446



26.5822, 28.7303, 35.5971

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.



27.0604, 28.4621, 36.1287



27.9059, 28.4621, 26.9446



25.6078, 28.4621, 33.5148

Square

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



27.9059, 28.4621, 26.9446



25.6001, 28.4621, 28.6336



26.2164, 28.4621, 35.4222



28.5585, 28.4621, 33.4731

Rectangle

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



27.9059, 28.4621, 26.9446



26.4666, 28.4621, 26.6360



26.2164, 28.4621, 35.4222



27.6467, 28.4621, 35.7953

Sweetspot

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



27.9067, 28.4634, 26.9452



55.2593, 57.6393, 60.3421



27.7436, 26.5439, 31.8031



12.0795, 12.5801, 13.0764



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



27.9067, 28.4634, 26.9452



49.3857, 49.9890, 45.7542



29.5077, 31.6654, 27.4789



6.8299, 7.0398, 6.9845



12.6319, 8.4995, 0.9748



0.2652, 0.2307, 0.0305

Inverse Universe

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



26.5822, 28.7303, 35.5971



46.5256, 50.5648, 64.4346



25.0526, 25.6712, 35.0873



6.6093, 7.0844, 8.4258



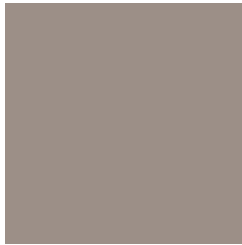
8.4637, 9.0189, 27.2020



0.1912, 0.2409, 0.4997

Previews

White Background



This preview shows how the XYZ color 27.9059, 28.4621, 26.9446 looks on a white background.

Color Contrast Check

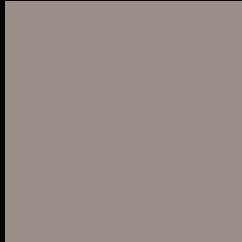
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9059, 28.4621, 26.9446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

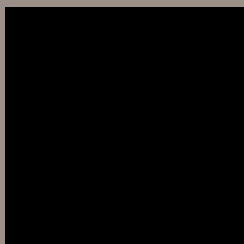
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

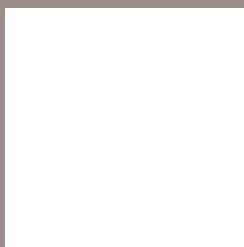
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.9059, 28.4621, 26.9446

Background



This preview shows how black text looks on a background with the XYZ color 27.9059, 28.4621, 26.9446.



This preview shows how white text looks on a background with the XYZ color 27.9059, 28.4621,

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

27.9059, 28.4621, 26.9446

Protanopia

27.1470, 28.5124, 27.3652

Deuteranopia

28.9263, 28.3203, 27.2343



Tritanopia

29.2929, 28.5859, 33.6795

Trichromacy



Original Color

27.9059, 28.4621, 26.9446

Protanomaly

27.3661, 28.3995, 27.3319

Deuteranomaly

28.4660, 28.3009, 27.2549

Tritanomaly

28.7659, 28.5894, 31.1963

Monochromacy



Original Color

27.9059, 28.4621, 26.9446

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.5856, 28.6878, 29.6746

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9059, 28.4621, 26.9446 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(156, 143, 135)` looks like.

```
.text, #text, p{  
    color:rgb(156, 143, 135)  
}
```

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(156, 143, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 143, 135) }
```

Border

The CSS property to change the border of an element to XYZ 27.9059, 28.4621, 26.9446 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(156, 143, 135) }
```


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

```
.border{ border-color:rgb(156, 143, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 143, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 143, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 143, 135);  
box-shadow:4px 4px 4px 4px rgb(156, 143,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9059, 28.4621, 26.9446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 143, 135) }
```

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

```
.background{ background-color: rgb(156,  
143, 135) }
```

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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