

Converting Colors

XYZ(26.7549, 33.5897, 28.0035)

Have a look what the booklet for
XYZ(26.7549, 33.5897, 28.0035)
contains.

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Color

**XYZ(26.7618, 33.5337,
27.9838)**

Conversions

Conversions Part 1	
Format	Color
Hex	7FA687
RGB	127, 166, 135
RGB Percent	50%, 65%, 53%
CMY	0.5020, 0.3490, 0.4706
CMYK	0.23, 0.00, 0.19, 0.35
HSL	132°, 18%, 57%
HSV	132°, 23%, 65%
XYZ	26.7618, 33.5337, 27.9838
YIQ	150.8050, -13.2930, -17.9090

Conversions

Conversions Part 2

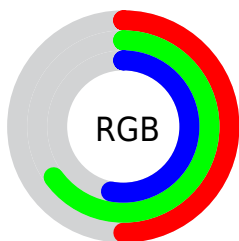
Format	Color
RYB	127, 159, 166
Decimal	8365703
CIELab	64.59, -19.66, 11.79
CIELCh	65, 22.924, 149.046
Yxy	33.5337, 0.3031, 0.3799
Android (android.graphics.Color)	4286555783 (0xFF7FA687)
YUV	150.8050, -7.7919, -20.8770
Hunter-Lab	57.9083, -18.8473, 11.8843

Details

The XYZ color **26.7618, 33.5337, 27.9838** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **29.4880, 25.7552, 35.7664**, and the grayscale version is **29.3691, 30.8986, 33.6485**.

A 20% lighter version of the original color is **53.7559, 65.0470, 57.2990**, and **10.7176, 14.2683, 10.7835** is the 20% darker color. If you saturate the color by 10%, you get **23.6181, 32.0148, 23.2841**, and if you desaturate by 10%, it is **30.4299, 35.3115, 33.3106**.

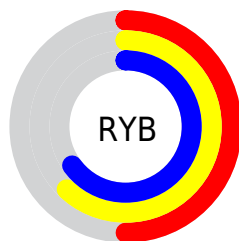
Distribution



Red (50%)

Green (65%)

Blue (53%)



Red (50%)

Yellow (62%)

Blue (65%)

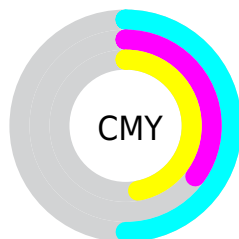


Cyan (23%)

Magenta (0%)

Yellow (19%)

Black (35%)



Cyan (50%)


Magenta (35%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.7618, 33.5337, 27.9838 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 26.7618, 33.5337, 27.9838 by changing the saturation by 10% instead.


 26.7618, 33.5337,
27.9838

 26.7618, 33.5337,
27.9838


278.6906,
318.0478, 306.2990


 17.5301, 22.5356,
18.0745


 53.9240, 65.2079,
57.4814

 10.7108, 14.2510,
10.8335


 72.5852, 86.6527,
77.9067

 5.9386, 8.2954,
5.8422


 95.1202, 112.3487,
102.6745

 2.8481, 4.2846,
2.6821

121.8944,
142.6800, 132.2033

 1.0739, 1.8340,
0.9344

153.2732,
178.0312, 166.9116

 0.0031, 0.5082,
0.0000


189.6219,


 0.0000, 0.0000,


218.7867, 207.2179


0.0000


231.3059,
265.3307, 253.5409


 26.7618, 33.5337,
27.9838


 26.7618, 33.5337,
27.9838


 23.6181, 32.0148,
23.2841


 30.4299, 35.3115,
33.3106


 20.9719, 30.7386,
19.1862


 34.6421, 37.3552,
39.2842

 18.7981, 29.6936,
15.6664


 39.4207, 39.6765,
45.9259


 17.0682, 28.8657,
12.6987


 44.7856, 42.2856,
53.2557


 15.7505, 28.2391,
10.2548


 50.7561, 45.1918,
61.2925


 14.8091, 27.7960,
8.3042


 57.3502, 48.4040,
70.0547

 14.2016, 27.5152,
6.8129

 64.5854, 51.9311,
79.5598

 13.9263, 27.3895,
6.0699

 70.6889, 54.8585,
89.7410

 72.7277, 55.6740,
100.4769

Harmonies

Analogous

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



28.9062, 33.5337, 22.8828



26.7618, 33.5337, 27.9838



25.9707, 33.5337, 36.2125

Triad

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



26.7618, 33.5337, 27.9838



31.7678, 33.5337, 57.7263



37.7137, 33.5337, 28.4225

Complementary

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



26.7618, 33.5337, 27.9838



29.4880, 25.7552, 35.7664

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.



38.6075, 33.5337, 36.8142



26.7618, 33.5337, 27.9838



35.0356, 33.5337, 54.6996

Square

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



26.7618, 33.5337, 27.9838



28.7361, 33.5337, 54.3067



37.5963, 33.5337, 46.6187



35.2298, 33.5337, 23.1038

Rectangle

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



26.7618, 33.5337, 27.9838



26.2724, 33.5337, 42.7331



37.5963, 33.5337, 46.6187



38.2173, 33.5337, 30.9270

Sweetspot

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



26.7627, 33.5351, 27.9845



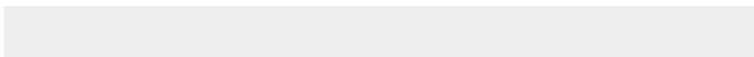
59.9734, 66.3874, 67.2145



31.6082, 36.0957, 25.3804



13.3234, 14.8089, 14.9034



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



26.7627, 33.5351, 27.9845



45.5857, 59.4170, 46.3607



28.2474, 34.1290, 35.8030



7.4974, 8.4320, 8.3392



10.8129, 21.2439, 4.7816



0.2802, 0.5237, 0.2065

Inverse Universe

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



29.4880, 25.7552, 35.7664



51.3748, 42.8846, 62.8863



27.9546, 25.1418, 27.6916



7.7750, 7.6399, 9.1323



15.4388, 7.5842, 17.6539



0.3918, 0.1910, 0.5149

Previews

White Background



This preview shows how the XYZ color 26.7618, 33.5337, 27.9838 looks on a white background.

Color Contrast Check

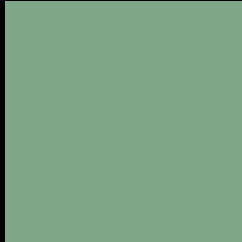
Large Text (above 18pt) WCAG AA × Fail

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 26.7618, 33.5337, 27.9838 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 ✓ Pass

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

XYZ 26.7618, 33.5337, 27.9838

Background



This preview shows how black text looks on a background with the XYZ color 26.7618, 33.5337, 27.9838.



This preview shows how white text looks on a background with the XYZ color 26.7618, 33.5337,

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

26.7618, 33.5337, 27.9838

Protanopia

31.4348, 33.3880, 25.9068

Deuteranopia

33.8539, 33.1126, 28.6518



Tritanopia

30.2164, 33.6141, 44.9400

Trichromacy



Original Color
26.7618, 33.5337, 27.9838

Protanomaly
29.4982, 33.3869, 26.7194

Deuteranomaly
30.7019, 32.9540, 28.4095

Tritanomaly
28.8024, 33.5577, 38.2169

Monochromacy



Original Color
26.7618, 33.5337, 27.9838

Achromatopsia
29.4150, 30.9469, 33.7012

Achromatomaly
28.1546, 31.5721, 31.3982

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7618, 33.5337, 27.9838 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(127, 166, 135)` looks like.

```
.text, #text, p{  
    color:rgb(127, 166, 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(127, 166, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 166, 135) }
```

Border

The CSS property to change the border of an element to XYZ 26.7618, 33.5337, 27.9838 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(127, 166, 135) }
```


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

```
.border{ border-color:rgb(127, 166, 135) }
```

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

Here you see how a box with a 4 pixel rgb(127, 166, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 166, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 166, 135);  
box-shadow:4px 4px 4px 4px rgb(127, 166,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7618, 33.5337, 27.9838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 166, 135) }
```

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

```
.background{ background-color: rgb(127,  
166, 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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