

Converting Colors

XYZ(26.2941, 33.5562, 28.4064)

Have a look what the booklet for
XYZ(26.2941, 33.5562, 28.4064)
contains.

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Color

**XYZ(26.2887, 33.5526,
28.3833)**

Conversions

Conversions Part 1

Format	Color
Hex	7AA788
RGB	122, 167, 136
RGB Percent	48%, 65%, 53%
CMY	0.5216, 0.3451, 0.4667
CMYK	0.27, 0.00, 0.19, 0.35
HSL	139°, 20%, 57%
HSV	139°, 27%, 65%
XYZ	26.2887, 33.5526, 28.3833
YIQ	150.0110, -16.8690, -19.1810

Conversions

Conversions Part 2

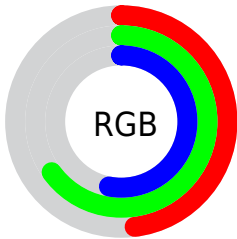
Format	Color
RYB	122, 156, 167
Decimal	8038280
CIELab	64.61, -21.67, 11.21
CIElCh	65, 24.398, 152.634
Yxy	33.5526, 0.2980, 0.3803
Android (android.graphics.Color)	4286228360 (0xFF7AA788)
YUV	150.0110, -6.9074, -24.5656
Hunter-Lab	57.9246, -20.3570, 11.4949

Details

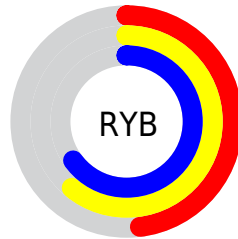
The XYZ color **26.2887, 33.5526, 28.3833** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **28.6468, 24.4352, 33.3450**, and the grayscale version is **29.0283, 30.5401, 33.2581**.

A 20% lighter version of the original color is **52.9858, 65.0306, 57.9036**, and **10.4829, 14.3111, 11.0139** is the 20% darker color. If you saturate the color by 10%, you get **23.3500, 32.1281, 24.2045**, and if you desaturate by 10%, it is **29.7233, 35.2246, 33.0450**.

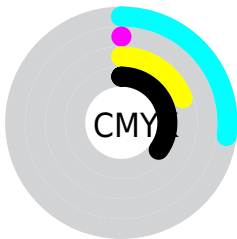
Distribution



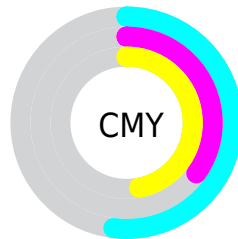
- Red (48%)
- Green (65%)
- Blue (53%)



- Red (48%)
- Yellow (61%)
- Blue (65%)



- Cyan (27%)
- Magenta (0%)
- Yellow (19%)
- Black (35%)





- Cyan (52%)
- Magenta (35%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.2887, 33.5526, 28.3833 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 26.2887, 33.5526, 28.3833 by changing the saturation by 10% instead.


 26.2887, 33.5526,
28.3833


 26.2887, 33.5526,
28.3833


276.4272,
318.1325, 308.2633


 17.1736, 22.5501,
18.3732


 53.1683, 65.2373,
58.1263

 10.4544, 14.2617,
11.0461


 71.6635, 86.6883,
78.6963

 5.7658, 8.3029,
5.9833


 94.0161, 112.3910,
103.6233

 2.7425, 4.2894,
2.7663

120.5914,
142.7297, 133.3259

 1.0191, 1.8367,
0.9766

151.7548,
178.0887, 168.2227

 0.0000, 0.5099,
0.0000

187.8717,

 0.0000, 0.0000,

218.8526, 208.7322

0.0000

229.3074,
265.4058, 255.2729

■ 26.2887, 33.5526,
28.3833

■ 26.2887, 33.5526,
28.3833

■ 23.3500, 32.1281,
24.2045

■ 29.7233, 35.2246,
33.0450

■ 20.8811, 30.9349,
20.4908

■ 33.6732, 37.1507,
38.2020

■ 18.8573, 29.9618,
17.2267

■ 38.1597, 39.3428,
43.8693

■ 17.2506, 29.1945,
14.3947

■ 43.2023, 41.8106,
50.0605

■ 16.0296, 28.6173,
11.9766

■ 48.8196, 44.5633,
56.7886

■ 15.1581, 28.2119,
9.9524

■ 55.0290, 47.6097,
64.0662

■ 14.5840, 27.9520,
8.3001

■ 61.8475, 50.9583,
71.9055

■ 14.4382, 27.8863,
7.8651

■ 69.0686, 54.5024,
80.3079

■ 70.7200, 55.1630,
89.0045

Harmonies

Analogous

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



28.4032, 33.5526, 22.6075



26.2887, 33.5526, 28.3833



25.6394, 33.5526, 37.4245

Triad

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



26.2887, 33.5526, 28.3833



32.2005, 33.5526, 59.3209



37.8895, 33.5526, 27.1085

Complementary

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



26.2887, 33.5526, 28.3833



28.6468, 24.4352, 33.3450

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.



39.0836, 33.5526, 35.6559



26.2887, 33.5526, 28.3833



35.6526, 33.5526, 55.2496

Square

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



26.2887, 33.5526, 28.3833



28.9012, 33.5526, 56.4228



38.2369, 33.5526, 46.1103



35.0797, 33.5526, 21.9714

Rectangle

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



26.2887, 33.5526, 28.3833



26.0832, 33.5526, 44.4492



38.2369, 33.5526, 46.1103



38.5021, 33.5526, 29.6175

Sweetspot

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



26.2896, 33.5540, 28.3840



59.4064, 66.0935, 67.2602



30.5643, 35.8652, 23.7245



13.0525, 14.6726, 14.7396



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.



26.2896, 33.5540, 28.3840



44.0096, 58.5995, 46.5116



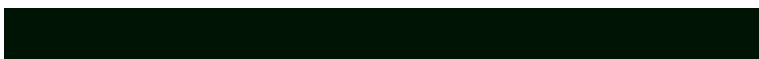
28.0174, 34.2451, 37.4824



7.5293, 8.4448, 8.5074



11.0676, 21.3458, 6.1228



0.2920, 0.5285, 0.2689

Inverse Universe

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



28.6468, 24.4352, 33.3450



48.9053, 39.6503, 56.8075



26.9936, 23.7740, 24.6394



7.7411, 7.6263, 8.9536



14.5874, 7.2437, 13.1707



0.3763, 0.1848, 0.4332

Previews

White Background



This preview shows how the XYZ color 26.2887, 33.5526, 28.3833 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 26.2887, 33.5526, 28.3833 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 26.2887, 33.5526, 28.3833

Background



This preview shows how black text looks on a background with the XYZ color 26.2887, 33.5526, 28.3833.



This preview shows how white text looks on a background with the XYZ color 26.2887, 33.5526,

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

26.2887, 33.5526, 28.3833

Protanopia

31.4348, 33.3880, 25.9068

Deuteranopia

33.6980, 33.0239, 29.0243



Tritanopia

29.7115, 33.6029, 45.4775

Trichromacy



Original Color

26.2887, 33.5526, 28.3833

Protanomaly

29.1301, 33.1971, 26.7022

Deuteranomaly

30.3805, 32.7800, 28.7707

Tritanomaly

28.3127, 33.5597, 38.7037

Monochromacy



Original Color

26.2887, 33.5526, 28.3833

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.8145, 31.3967, 31.3823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2887, 33.5526, 28.3833 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(122, 167, 136)` looks like.

```
.text, #text, p{  
    color:rgb(122, 167, 136)  
}
```

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(122, 167, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 167, 136) }
```

Border

The CSS property to change the border of an element to XYZ 26.2887, 33.5526, 28.3833 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(122, 167, 136) }
```


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

```
.border{ border-color:rgb(122, 167, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 167, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 167, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 167, 136);  
box-shadow:4px 4px 4px 4px rgb(122, 167,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2887, 33.5526, 28.3833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 167, 136) }
```

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

```
.background{ background-color: rgb(122,  
167, 136) }
```

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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