

Converting Colors

XYZ(26.8653, 33.5121, 28.3596)

Have a look what the booklet for
XYZ(26.8653, 33.5121, 28.3596)
contains.

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Color

**XYZ(26.9822, 33.6392,
28.3635)**

Conversions

Conversions Part 1

Format	Color
Hex	80A688
RGB	128, 166, 136
RGB Percent	50%, 65%, 53%
CMY	0.4980, 0.3490, 0.4667
CMYK	0.23, 0.00, 0.18, 0.35
HSL	133°, 18%, 58%
HSV	133°, 23%, 65%
XYZ	26.9822, 33.6392, 28.3635
YIQ	151.2180, -13.0180, -17.3860

Conversions

Conversions Part 2

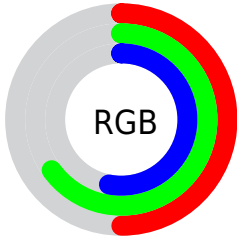
Format	Color
RYB	128, 159, 166
Decimal	8431240
CIELab	64.68, -19.13, 11.36
CIELCh	65, 22.247, 149.283
Yxy	33.6392, 0.3032, 0.3780
Android (android.graphics.Color)	4286621320 (0xFF80A688)
YUV	151.2180, -7.5025, -20.3622
Hunter-Lab	57.9993, -18.4578, 11.6048

Details

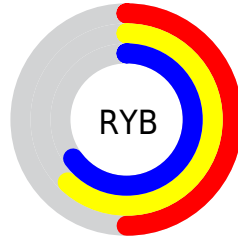
The XYZ color **26.9822, 33.6392, 28.3635** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **29.6177, 26.0146, 35.8093**, and the grayscale version is **29.5446, 31.0832, 33.8496**.

A 20% lighter version of the original color is **54.0978, 65.2108, 57.8798**, and **10.8389, 14.3262, 10.9981** is the 20% darker color. If you saturate the color by 10%, you get **23.8116, 32.1067, 23.6470**, and if you desaturate by 10%, it is **30.6771, 35.4307, 33.7005**.

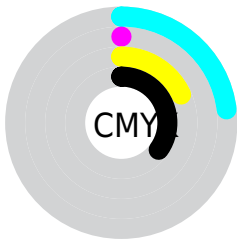
Distribution



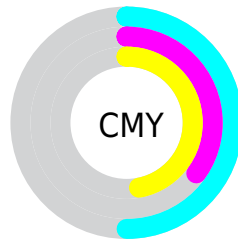
- Red (50%)
- Green (65%)
- Blue (53%)



- Red (50%)
- Yellow (62%)
- Blue (65%)



- Cyan (23%)
- Magenta (0%)
- Yellow (18%)
- Black (35%)



- Cyan (50%)
- Magenta (35%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9822, 33.6392, 28.3635 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 26.9822, 33.6392, 28.3635 by changing the saturation by 10% instead.

■ 26.9822, 33.6392,
28.3635

■ 26.9822, 33.6392,
28.3635

279.7400,
318.5202, 308.1662

■ 17.6964, 22.6166,
18.3584

■ 54.2754, 65.3722,
58.0943

■ 10.8306, 14.3106,
11.0355

■ 73.0135, 86.8514,
78.6572

■ 6.0195, 8.3370,
5.9763

■ 95.6330, 112.5848,
103.5764

■ 2.8977, 4.3114,
2.7621

122.4994,
142.9569, 133.2704

■ 1.0999, 1.8492,
0.9745

153.9779,
178.3522, 168.1579

■ 0.0250, 0.5176,
0.0000

190.4339,

■ 0.0000, 0.0000,

219.1548, 208.6573

0.0000

232.2329,
265.7494, 255.1872

■ 26.9822, 33.6392,
28.3635

■ 26.9822, 33.6392,
28.3635

■ 23.8116, 32.1067,
23.6470

■ 30.6771, 35.4307,
33.7005

■ 21.1385, 30.8172,
19.5263

■ 34.9159, 37.4880,
39.6771

■ 18.9382, 29.7591,
15.9784

■ 39.7206, 39.8229,
46.3144

■ 17.1823, 28.9185,
12.9777

■ 45.1112, 42.4455,
53.6318

■ 15.8395, 28.2798,
10.4969

■ 51.1065, 45.3650,
61.6478

■ 14.8745, 27.8254,
8.5062

■ 57.7247, 48.5904,
70.3803

■ 14.2453, 27.5343,
6.9728

■ 64.9831, 52.1302,
79.8466

■ 13.9395, 27.3948,
6.1392

■ 70.7309, 54.8754,
89.9619

■ 72.7584, 55.6863,
100.6382

Harmonies

Analogous

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



29.0644, 33.6392, 23.3372



26.9822, 33.6392, 28.3635



26.2210, 33.6392, 36.4078

Triad

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



26.9822, 33.6392, 28.3635



31.8963, 33.6392, 57.1614



37.6298, 33.6392, 28.6860

Complementary

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



26.9822, 33.6392, 28.3635



29.6177, 26.0146, 35.8093

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.



38.5102, 33.6392, 36.8478



26.9822, 33.6392, 28.3635



35.0695, 33.6392, 54.1945

Square

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



26.9822, 33.6392, 28.3635



28.9397, 33.6392, 53.9094



37.5442, 33.6392, 46.3581



35.2112, 33.6392, 23.5005

Rectangle

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



26.9822, 33.6392, 28.3635



26.5234, 33.6392, 42.7431



37.5442, 33.6392, 46.3581



38.1223, 33.6392, 31.1247

Sweetspot

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



26.9831, 33.6406, 28.3642



59.9833, 66.3914, 67.2666



31.7132, 36.1423, 25.7270



13.3258, 14.8099, 14.9159



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.



26.9831, 33.6406, 28.3642



46.2015, 59.7122, 47.3933



28.4221, 34.2162, 35.9421



7.4990, 8.4326, 8.3478



10.8234, 21.2481, 4.8367



0.2808, 0.5240, 0.2097

Inverse Universe

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



29.6177, 26.0146, 35.8093



51.7574, 43.6251, 63.0895



28.1355, 25.4217, 28.0042



7.7733, 7.6392, 9.1232



15.3916, 7.5653, 17.4055



0.3910, 0.1907, 0.5105

Previews

White Background



This preview shows how the XYZ color 26.9822, 33.6392, 28.3635 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 26.9822, 33.6392, 28.3635 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 26.9822, 33.6392, 28.3635

Background



This preview shows how black text looks on a background with the XYZ color 26.9822, 33.6392, 28.3635.



This preview shows how white text looks on a background with the XYZ color 26.9822, 33.6392,

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

26.9822, 33.6392, 28.3635

Protanopia

31.5023, 33.4150, 26.2621

Deuteranopia

34.0869, 33.4623, 29.0884



Tritanopia

30.3765, 33.6966, 44.9475

Trichromacy



Original Color

26.9822, 33.6392, 28.3635

Protanomaly

29.7533, 33.5105, 27.0903

Deuteranomaly

30.9731, 33.0855, 28.7984

Tritanomaly

28.9581, 33.6380, 38.2242

Monochromacy



Original Color

26.9822, 33.6392, 28.3635

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.4045, 31.6919, 31.8142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9822, 33.6392, 28.3635 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(128, 166, 136)` looks like.

```
.text, #text, p{  
    color:rgb(128, 166, 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(128, 166, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 166, 136) }
```

Border

The CSS property to change the border of an element to XYZ 26.9822, 33.6392, 28.3635 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(128, 166, 136) }
```


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

```
.border{ border-color:rgb(128, 166, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 166, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 166, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 166, 136);  
box-shadow:4px 4px 4px 4px rgb(128, 166,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9822, 33.6392, 28.3635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 166, 136) }
```

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

```
.background{ background-color: rgb(128,  
166, 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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