

Converting Colors

XYZ(26.8258, 33.4963, 28.1518)

Have a look what the booklet for
XYZ(26.8258, 33.4963, 28.1518)
contains.

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Color

**XYZ(26.9115, 33.6109,
27.9908)**

Conversions

Conversions Part 1

Format	Color
Hex	80A687
RGB	128, 166, 135
RGB Percent	50%, 65%, 53%
CMY	0.4980, 0.3490, 0.4706
CMYK	0.23, 0.00, 0.19, 0.35
HSL	131°, 18%, 58%
HSV	131°, 23%, 65%
XYZ	26.9115, 33.6109, 27.9908
YIQ	151.1040, -12.6970, -17.6970

Conversions

Conversions Part 2

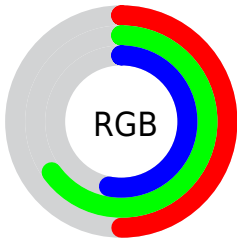
Format	Color
RYB	128, 160, 166
Decimal	8431239
CIELab	64.65, -19.32, 11.89
CIELCh	65, 22.680, 148.392
Yxy	33.6109, 0.3040, 0.3797
Android (android.graphics.Color)	4286621319 (0xFF80A687)
YUV	151.1040, -7.9393, -20.2622
Hunter-Lab	57.9749, -18.5978, 11.9567

Details

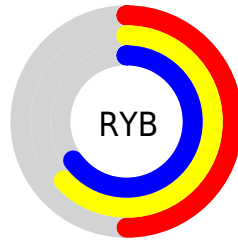
The XYZ color **26.9115, 33.6109, 27.9908** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **29.7043, 26.0494, 36.2649**, and the grayscale version is **29.4975, 31.0336, 33.7956**.

A 20% lighter version of the original color is **53.9896, 65.1675, 57.3100**, and **10.7989, 14.3102, 10.7873** is the 20% darker color. If you saturate the color by 10%, you get **23.7224, 32.0711, 23.1770**, and if you desaturate by 10%, it is **30.6323, 35.4127, 33.4641**.

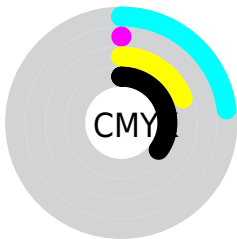
Distribution



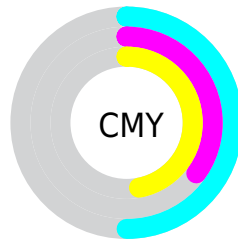
- Red (50%)
- Green (65%)
- Blue (53%)



- Red (50%)
- Yellow (63%)
- 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 26.9115, 33.6109, 27.9908 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 26.9115, 33.6109, 27.9908 by changing the saturation by 10% instead.

■ 26.9115, 33.6109,
27.9908

■ 26.9115, 33.6109,
27.9908

279.4037,
318.3936, 306.3335

■ 17.6430, 22.5948,
18.0797

■ 54.1627, 65.3281,
57.4927

■ 10.7921, 14.2946,
10.8372

■ 72.8761, 86.7981,
77.9206

■ 5.9935, 8.3259,
5.8447

■ 95.4686, 112.5215,
102.6912

■ 2.8817, 4.3042,
2.6836

122.3054,
142.8827, 132.2230

■ 1.0915, 1.8451,
0.9352

153.7520,
178.2661, 166.9346

■ 0.0180, 0.5151,
0.0000

190.1737,

■ 0.0000, 0.0000,

219.0561, 207.2445

0.0000

231.9358,
265.6371, 253.5713

■ 26.9115, 33.6109,
27.9908

■ 26.9115, 33.6109,
27.9908

■ 23.7224, 32.0711,
23.1770

■ 30.6323, 35.4127,
33.4641

■ 21.0378, 30.7769,
18.9957

■ 34.9048, 37.4835,
39.6181

■ 18.8324, 29.7168,
15.4211

■ 39.7514, 39.8353,
46.4759

■ 17.0773, 28.8765,
12.4251

■ 45.1924, 42.4780,
54.0590

■ 15.7408, 28.2403,
9.9770

■ 51.2471, 45.4212,
62.3876

■ 14.7866, 27.7902,
8.0435

■ 57.9340, 48.6741,
71.4815

■ 14.1722, 27.5050,
6.5877

■ 65.2706, 52.2452,
81.3594

■ 13.8787, 27.3704,
5.8189

■ 71.1062, 55.0255,
91.9382

■ 72.9269, 55.7537,
101.5256

Harmonies

Analogous

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



29.0643, 33.6109, 22.9957



26.9115, 33.6109, 27.9908



26.0948, 33.6109, 36.0963

Triad

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



26.9115, 33.6109, 27.9908



31.7710, 33.6109, 57.5735



37.7684, 33.6109, 28.7251

Complementary

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



26.9115, 33.6109, 27.9908



29.7043, 26.0494, 36.2649

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.



38.6128, 33.6109, 37.1014



26.9115, 33.6109, 27.9908



35.0124, 33.6109, 54.7180

Square

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



26.9115, 33.6109, 27.9908



28.7799, 33.6109, 54.0636



37.5726, 33.6109, 46.8069



35.3365, 33.6109, 23.3663

Rectangle

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



26.9115, 33.6109, 27.9908



26.3727, 33.6109, 42.5422



37.5726, 33.6109, 46.8069



38.2543, 33.6109, 31.2324

Sweetspot

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



26.9124, 33.6123, 27.9915



59.9352, 66.3721, 67.0133



31.8385, 36.2069, 25.7331



13.3143, 14.8053, 14.8551



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.



26.9124, 33.6123, 27.9915



46.0559, 59.6540, 46.6267



28.3693, 34.1951, 35.6636



7.4911, 8.4295, 8.3063



10.7749, 21.2287, 4.5814



0.2779, 0.5228, 0.1942

Inverse Universe

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



29.7043, 26.0494, 36.2649



51.9437, 43.6996, 64.0706



28.1822, 25.4405, 28.2498



7.7817, 7.6426, 9.1679



15.6248, 7.6586, 18.6337



0.3951, 0.1923, 0.5321

Previews

White Background



This preview shows how the XYZ color 26.9115, 33.6109, 27.9908 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 26.9115, 33.6109, 27.9908 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 26.9115, 33.6109, 27.9908

Background



This preview shows how black text looks on a background with the XYZ color 26.9115, 33.6109, 27.9908.



This preview shows how white text looks on a background with the XYZ color 26.9115, 33.6109,

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

26.9115, 33.6109, 27.9908

Protanopia

31.4348, 33.3880, 25.9068

Deuteranopia

34.0142, 33.4332, 28.7053



Tritanopia

30.3765, 33.6966, 44.9475

Trichromacy



Original Color

26.9115, 33.6109, 27.9908

Protanomaly

29.6846, 33.4830, 26.7281

Deuteranomaly

30.9010, 33.0567, 28.4188

Tritanomaly

28.9581, 33.6380, 38.2242

Monochromacy



Original Color

26.9115, 33.6109, 27.9908

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.3270, 31.6609, 31.4062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9115, 33.6109, 27.9908 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, 135)` looks like.

```
.text, #text, p{  
    color:rgb(128, 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(128, 166, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 166, 135) }
```

Border

The CSS property to change the border of an element to XYZ 26.9115, 33.6109, 27.9908 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, 135) }
```


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

```
.border{ border-color:rgb(128, 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(128, 166, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 166, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 166, 135);  
box-shadow:4px 4px 4px 4px rgb(128, 166,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9115, 33.6109, 27.9908 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, 135) }
```

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

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