

Converting Colors

XYZ(26.8571, 31.5210, 27.3639)

Have a look what the booklet for
XYZ(26.8571, 31.5210, 27.3639)
contains.

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Color

**XYZ(26.8465, 31.4933,
27.2181)**

Conversions

Conversions Part 1

Format	Color
Hex	899E86
RGB	137, 158, 134
RGB Percent	54%, 62%, 53%
CMY	0.4627, 0.3804, 0.4745
CMYK	0.13, 0.00, 0.15, 0.38
HSL	113°, 11%, 57%
HSV	113°, 15%, 62%
XYZ	26.8465, 31.4933, 27.2181
YIQ	148.9850, -4.8120, -11.9160

Conversions

Conversions Part 2

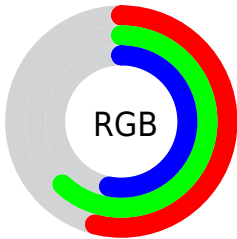
Format	Color
RYB	134, 158, 155
Decimal	9019014
CIELab	62.92, -12.12, 10.08
CIElCh	63, 15.767, 140.240
Yxy	31.4933, 0.3138, 0.3681
Android (android.graphics.Color)	4287209094 (0xFF899E86)
YUV	148.9850, -7.3876, -10.5108
Hunter-Lab	56.1189, -12.8161, 10.5271

Details

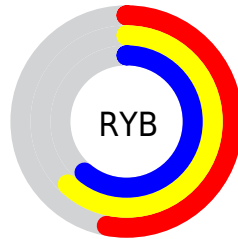
The XYZ color **26.8465, 31.4933, 27.2181** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.2154, 26.4882, 35.9750**, and the grayscale version is **28.5930, 30.0821, 32.7594**.

A 20% lighter version of the original color is **54.2497, 62.2527, 56.1704**, and **10.7884, 13.1817, 10.3632** is the 20% darker color. If you saturate the color by 10%, you get **23.7030, 29.9916, 21.7419**, and if you desaturate by 10%, it is **30.4469, 33.2133, 33.5766**.

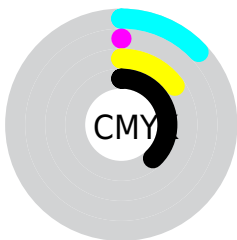
Distribution



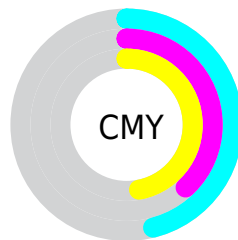
- Red (54%)
- Green (62%)
- Blue (53%)



- Red (53%)
- Yellow (62%)
- Blue (61%)



- Cyan (13%)
- Magenta (0%)
- Yellow (15%)
- Black (38%)



- Cyan (46%)
- Magenta (38%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8465, 31.4933, 27.2181 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 26.8465, 31.4933, 27.2181 by changing the saturation by 10% instead.

■ 26.8465, 31.4933,
27.2181

■ 26.8465, 31.4933,
27.2181

279.0943,
308.8046, 302.5051

■ 17.5940, 20.9748,
17.5032

■ 54.0591, 62.0159,
56.2416

■ 10.7568, 13.1056,
10.4282

■ 72.7498, 82.7888,
76.3874

■ 5.9696, 7.5013,
5.5745

■ 95.3174, 107.7485,
100.8471

■ 2.8671, 3.7775,
2.5235

122.1270,
137.2795, 130.0394

■ 1.0839, 1.5499,
0.8526

153.5442,
171.7663, 164.3828

■ 0.0116, 0.3235,
0.0000

189.9342,

■ 0.0000, 0.0000,

211.5931, 204.2959

0.0000

231.6625,
257.1444, 250.1971

■ 26.8465, 31.4933,
27.2181

■ 26.8465, 31.4933,
27.2181

■ 23.7030, 29.9916,
21.7419

■ 30.4469, 33.2133,
33.5766

■ 20.9955, 28.6957,
17.1070

■ 34.5187, 35.1556,
40.8516

■ 18.7055, 27.5976,
13.2724

■ 39.0792, 37.3292,
49.0784

■ 16.8119, 26.6877,
10.1928

■ 44.1438, 39.7415,
58.2894

■ 15.2921, 25.9551,
7.8182

■ 49.7274, 42.3994,
68.5158

■ 14.1209, 25.3883,
6.0930

■ 55.8442, 45.3096,
79.7872

■ 13.2699, 24.9740,
4.9528

■ 62.5079, 48.4785,
92.1321

■ 12.7053, 24.6964,
4.3155

■ 68.8491, 51.5593,
100.9309

■ 12.5109, 24.6010,
4.0891

■ 71.5175, 52.9349,
101.0558

Harmonies

Analogous

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



28.5165, 31.4933, 24.2786



26.8465, 31.4933, 27.2181



26.0160, 31.4933, 32.3096

Triad

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



26.8465, 31.4933, 27.2181



29.2334, 31.4933, 47.4310



34.0109, 31.4933, 30.3301

Complementary

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



26.8465, 31.4933, 27.2181



28.2154, 26.4882, 35.9750

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.



34.2256, 31.4933, 36.3515



26.8465, 31.4933, 27.2181



31.3966, 31.4933, 46.7349

Square

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



26.8465, 31.4933, 27.2181



27.3496, 31.4933, 44.2947



33.2484, 31.4933, 42.4936



32.6751, 31.4933, 25.9195

Rectangle

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



26.8465, 31.4933, 27.2181



26.0215, 31.4933, 36.4539



33.2484, 31.4933, 42.4936



34.2190, 31.4933, 32.2151

Sweetspot

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



26.8474, 31.4946, 27.2188



55.3537, 60.3433, 61.0874



30.0930, 32.3680, 27.2163



12.3758, 13.5549, 13.5880



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



26.8474, 31.4946, 27.2188



46.8598, 56.2872, 46.1137



27.0021, 31.5005, 30.5651



6.6240, 7.4388, 7.0724



10.0391, 19.7121, 3.2757



0.1990, 0.3625, 0.0595

Inverse Universe

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



28.2154, 26.4882, 35.9750



49.7955, 45.5402, 64.9091



28.0675, 26.4964, 32.1537



6.8225, 6.7125, 8.3427



13.3932, 6.3335, 26.4238



0.2601, 0.1239, 0.4734

Previews

White Background



This preview shows how the XYZ color 26.8465, 31.4933, 27.2181 looks on a white background.

Color Contrast Check

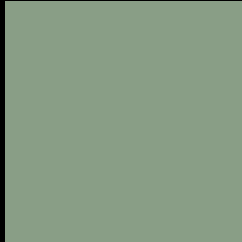
Large Text (above 18pt) WCAG AA × Fail

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 26.8465, 31.4933, 27.2181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

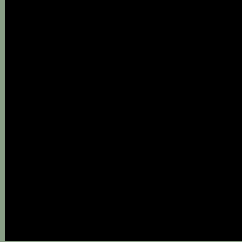
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.8465, 31.4933, 27.2181

Background



This preview shows how black text looks on a background with the XYZ color 26.8465, 31.4933, 27.2181.



This preview shows how white text looks on a background with the XYZ color 26.8465, 31.4933,

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

26.8465, 31.4933, 27.2181

Protanopia

29.8222, 31.5687, 25.9943

Deuteranopia

31.7361, 31.1060, 27.6239



Tritanopia

29.5939, 31.6152, 40.6190

Trichromacy



Original Color

26.8465, 31.4933, 27.2181

Protanomaly

28.6694, 31.4525, 26.3897

Deuteranomaly

29.5776, 30.9329, 27.3334

Tritanomaly

28.3693, 31.3512, 35.1280

Monochromacy



Original Color

26.8465, 31.4933, 27.2181

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.9393, 30.4898, 30.7981

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8465, 31.4933, 27.2181 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(137, 158, 134)` looks like.

```
.text, #text, p{  
    color:rgb(137, 158, 134)  
}
```

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(137, 158, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 158, 134) }
```

Border

The CSS property to change the border of an element to XYZ 26.8465, 31.4933, 27.2181 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(137, 158, 134) }
```


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

```
.border{ border-color:rgb(137, 158, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 158, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 158, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 158, 134);  
box-shadow:4px 4px 4px 4px rgb(137, 158,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8465, 31.4933, 27.2181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 158, 134) }
```

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

```
.background{ background-color: rgb(137,  
158, 134) }
```

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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