

Converting Colors

XYZ(27.9214, 31.5410, 30.6080)

Have a look what the booklet for
XYZ(27.9214, 31.5410, 30.6080)
contains.

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Color

**XYZ(27.8309, 31.4228,
30.5850)**

Conversions

Conversions Part 1

Format	Color
Hex	8D9C8F
RGB	141, 156, 143
RGB Percent	55%, 61%, 56%
CMY	0.4471, 0.3882, 0.4392
CMYK	0.10, 0.00, 0.08, 0.39
HSL	128°, 7%, 58%
HSV	128°, 10%, 61%
XYZ	27.8309, 31.4228, 30.5850
YIQ	150.0330, -4.7670, -7.2230

Conversions

Conversions Part 2

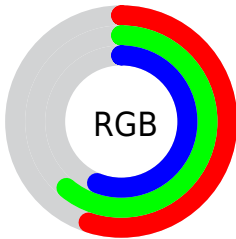
Format	Color
RYB	141, 154, 156
Decimal	9280655
CIELab	62.86, -7.90, 4.99
CIElCh	63, 9.347, 147.747
Yxy	31.4228, 0.3098, 0.3498
Android (android.graphics.Color)	4287470735 (0xFF8D9C8F)
YUV	150.0330, -3.4673, -7.9219
Hunter-Lab	56.0560, -9.4758, 6.8897

Details

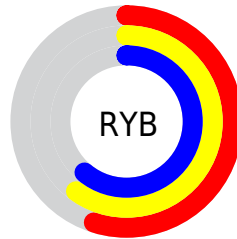
The XYZ color **27.8309, 31.4228, 30.5850** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.0690, 28.4515, 34.5329**, and the grayscale version is **29.0198, 30.5311, 33.2484**.

A 20% lighter version of the original color is **55.6303, 61.7265, 61.8057**, and **11.3417, 13.1176, 12.2901** is the 20% darker color. If you saturate the color by 10%, you get **24.3996, 29.7661, 25.3963**, and if you desaturate by 10%, it is **31.7611, 33.3242, 36.4428**.

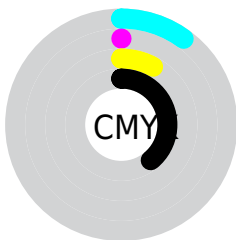
Distribution



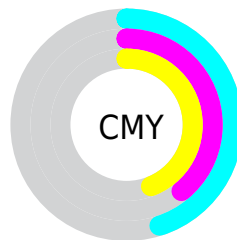
- Red (55%)
- Green (61%)
- Blue (56%)



- Red (55%)
- Yellow (60%)
- Blue (61%)



- Cyan (10%)
- Magenta (0%)
- Yellow (8%)
- Black (39%)



- Cyan (45%)
- Magenta (39%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8309, 31.4228, 30.5850 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 27.8309, 31.4228, 30.5850 by changing the saturation by 10% instead.

■ 27.8309, 31.4228,
30.5850

■ 27.8309, 31.4228,
30.5850

283.7528,
308.4814, 318.9136

■ 18.3380, 20.9210,
20.0272

■ 55.6249, 61.9051,
61.6580

■ 11.2941, 13.0663,
12.2306

■ 74.6567, 82.6544,
83.0103

■ 6.3338, 7.4742,
6.7765

■ 97.5989, 107.5884,
108.7979

■ 3.0917, 3.7604,
3.2464

124.8168,
137.0914, 139.4393

■ 1.2024, 1.5405,
1.2218

156.6758,
171.5478, 175.3530

■ 0.1083, 0.3169,
0.0000

193.5412,

■ 0.0000, 0.0000,

211.3420, 216.9576

0.0000

235.7784,
256.8584, 264.6716

■ 27.8309, 31.4228,
30.5850

■ 27.8309, 31.4228,
30.5850

■ 24.3996, 29.7661,
25.3963

■ 31.7611, 33.3242,
36.4428

■ 21.4447, 28.3404,
20.8509

■ 36.2063, 35.4755,
42.9903

■ 18.9459, 27.1365,
16.9244


■ 41.1853, 37.8867,
50.2495


■ 16.8801, 26.1432,
13.5900


■ 46.7150, 40.5662,
58.2411


■ 15.2226, 25.3483,
10.8189


■ 52.8115, 43.5219,
66.9847


 13.9460, 24.7385,
8.5800


 59.4905, 46.7614,
76.4994


 13.0194, 24.2983,
6.8391

 66.7668, 50.2919,
86.8035

 12.4071, 24.0104,
5.5581

 70.5676, 52.0135,
97.7232

 12.0349, 23.8373,
4.6918

 71.1791, 52.2581,
100.9430

Harmonies

Analogous

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



28.7340, 31.4228, 28.3416



27.8309, 31.4228, 30.5850



27.4716, 31.4228, 33.9374

Triad

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



27.8309, 31.4228, 30.5850



29.7697, 31.4228, 41.7601



32.1004, 31.4228, 31.0330

Complementary

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



27.8309, 31.4228, 30.5850



29.0690, 28.4515, 34.5329

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.



32.3966, 31.4228, 34.4922



27.8309, 31.4228, 30.5850



31.0282, 31.4228, 40.8464

Square

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



27.8309, 31.4228, 30.5850



28.5708, 31.4228, 40.5350



31.9989, 31.4228, 38.1195



31.2006, 31.4228, 28.5870

Rectangle

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



27.8309, 31.4228, 30.5850



27.5808, 31.4228, 36.4102



31.9989, 31.4228, 38.1195



32.2749, 31.4228, 32.1081

Sweetspot

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



27.8318, 31.4241, 30.5857



55.1235, 59.2846, 62.3857



30.0715, 32.5961, 29.9065



12.0063, 12.9856, 13.5441



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



27.8318, 31.4241, 30.5857



48.8284, 56.2414, 52.9640



28.3991, 31.6511, 33.5734



6.5850, 7.4147, 7.2491



9.9103, 19.6321, 3.8849



0.1863, 0.3547, 0.1172

Inverse Universe

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



29.0690, 28.4515, 34.5329



51.6380, 49.4910, 61.9269



28.4830, 28.2171, 31.4471



6.8661, 6.7394, 8.1459



14.9161, 7.2710, 19.6069



0.2763, 0.1338, 0.4009

Previews

White Background



This preview shows how the XYZ color 27.8309, 31.4228, 30.5850 looks on a white background.

Color Contrast Check

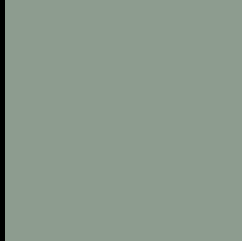
Large Text (above 18pt) WCAG AA × Fail

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 27.8309, 31.4228, 30.5850 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

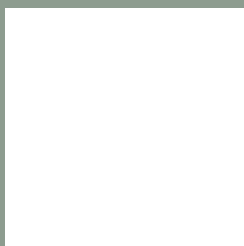
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.8309, 31.4228, 30.5850

Background



This preview shows how black text looks on a background with the XYZ color 27.8309, 31.4228, 30.5850.

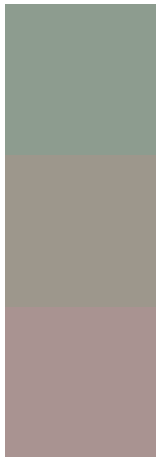


This preview shows how white text looks on a background with the XYZ color 27.8309, 31.4228,

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

27.8309, 31.4228, 30.5850

Protanopia

29.7049, 31.1948, 29.2665

Deuteranopia

31.9067, 31.3468, 31.1569



Tritanopia

29.8598, 31.5188, 40.1073

Trichromacy



Original Color

27.8309, 31.4228, 30.5850

Protanomaly

28.9614, 31.2849, 29.7115

Deuteranomaly

30.2385, 31.1972, 30.8135

Tritanomaly

29.1430, 31.4748, 36.4375

Monochromacy



Original Color

27.8309, 31.4228, 30.5850

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.5273, 30.7661, 32.0387

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8309, 31.4228, 30.5850 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(141, 156, 143)` looks like.

```
.text, #text, p{  
    color:rgb(141, 156, 143)  
}
```

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(141, 156, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 156, 143) }
```

Border

The CSS property to change the border of an element to XYZ 27.8309, 31.4228, 30.5850 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(141, 156, 143) }
```


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

```
.border{ border-color:rgb(141, 156, 143) }
```

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

Here you see how a box with a 4 pixel rgb(141, 156, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 156, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 156, 143);  
box-shadow:4px 4px 4px 4px rgb(141, 156,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8309, 31.4228, 30.5850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 156, 143) }
```

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

```
.background{ background-color: rgb(141,  
156, 143) }
```

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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