

Converting Colors

XYZ(27.2974, 28.1550, 31.3068)

Have a look what the booklet for
XYZ(27.2974, 28.1550, 31.3068)
contains.

XYZ(27.2235, 28.0161, 31.1670)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.2235, 28.0161,
31.1670)**

Conversions

Conversions Part 1

Format	Color
Hex	948F92
RGB	148, 143, 146
RGB Percent	58%, 56%, 57%
CMY	0.4196, 0.4392, 0.4274
CMYK	0.00, 0.03, 0.01, 0.42
HSL	324°, 2%, 57%
HSV	324°, 3%, 58%
XYZ	27.2235, 28.0161, 31.1670
YIQ	144.8370, 2.0170, 1.9930

Conversions

Conversions Part 2

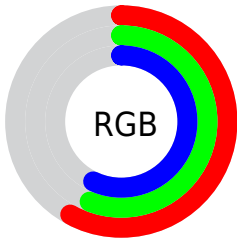
Format	Color
RYB	148, 143, 146
Decimal	9736082
CIELab	59.90, 2.42, -0.94
CIElCh	60, 2.595, 338.760
Yxy	28.0161, 0.3151, 0.3242
Android (android.graphics.Color)	4287926162 (0xFF948F92)
YUV	144.8370, 0.5734, 2.7740
Hunter-Lab	52.9302, -0.8204, 2.1393

Details

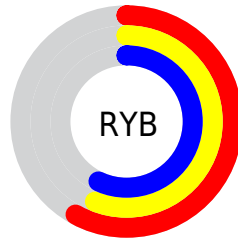
The XYZ color **27.2235, 28.0161, 31.1670** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.0294, 29.0645, 30.9748**, and the grayscale version is **26.8453, 28.2433, 30.7570**.

A 20% lighter version of the original color is **54.7487, 56.6592, 62.6943**, and **10.9554, 11.2146, 12.6536** is the 20% darker color. If you saturate the color by 10%, you get **24.6981, 23.6832, 28.1110**, and if you desaturate by 10%, it is **30.0675, 32.9472, 34.4477**.

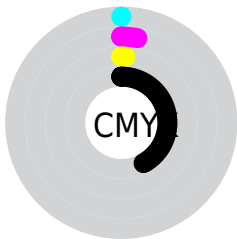
Distribution



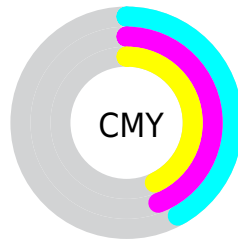
- Red (58%)
- Green (56%)
- Blue (57%)



- Red (58%)
- Yellow (56%)
- Blue (57%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (42%)



- Cyan (42%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2235, 28.0161, 31.1670 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 27.2235, 28.0161, 31.1670 by changing the saturation by 10% instead.

■ 27.2235, 28.0161,
31.1670

■ 27.2235, 28.0161,
31.1670

280.8855,
292.5438, 321.6819

■ 17.8786, 18.3378,
20.4665

■ 54.6597, 56.5101,
62.5856

■ 10.9620, 11.1928,
12.5472

■ 73.4816, 76.0947,
84.1407

■ 6.1084, 6.1967,
6.9904

■ 96.1934, 99.7501,
110.1512

■ 2.9524, 2.9650,
3.3778

123.1602,
127.8607, 141.0355

■ 1.1286, 1.1135,
1.2906

154.7474,
160.8110, 177.2122

■ 0.0489, 0.0000,
0.0541

191.3205,

■ 0.0000, 0.0000,

198.9854, 219.0998

0.0000

233.2447,
242.7682, 267.1169

■ 27.2235, 28.0161,
31.1670

■ 27.2235, 28.0161,
31.1670

■ 24.6981, 23.6832,
28.1110

■ 30.0675, 32.9472,
34.4477

■ 22.4771, 19.9220,
25.2721

■ 33.2389, 38.4947,
37.9567

■ 20.5489, 16.7093,
22.6450

■ 36.7490, 44.6802,
41.6997

■ 18.9002, 14.0190,
20.2235

■ 40.6078, 51.5234,
45.6819

■ 17.5163, 11.8226,
18.0006

■ 44.8251, 59.0430,
49.9079

■ 16.3815, 10.0892,
15.9694

■ 49.4100, 67.2572,
54.3826

■ 15.4782, 8.7842,
14.1218

■ 54.3716, 76.1832,
59.1105

■ 14.7862, 7.8680,
12.4491

■ 57.6411, 81.6833,
63.4035

■ 14.2818, 7.2938,
10.9413

■ 58.3170, 81.9536,
66.9626

Harmonies

Analogous

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



27.0272, 28.0161, 31.9420



27.2235, 28.0161, 31.1670



27.2597, 28.0161, 30.2292

Triad

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



27.2235, 28.0161, 31.1670



26.5321, 28.0161, 28.7460



26.1374, 28.0161, 31.6552

Complementary

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



27.2235, 28.0161, 31.1670



27.0294, 29.0645, 30.9748

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.



26.0070, 28.0161, 30.7820



27.2235, 28.0161, 31.1670



26.2337, 28.0161, 29.1113

Square

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



27.2235, 28.0161, 31.1670



26.8587, 28.0161, 28.8442



26.0422, 28.0161, 29.8520



26.3995, 28.0161, 32.2278

Rectangle

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



27.2235, 28.0161, 31.1670



27.1879, 28.0161, 29.6399



26.0422, 28.0161, 29.8520



26.0768, 28.0161, 31.3863

Sweetspot

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



27.2243, 28.0173, 31.1676



49.1664, 51.3883, 56.3210



26.8458, 27.8041, 31.9692



11.2307, 11.7430, 12.8651



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



27.2243, 28.0173, 31.1676



47.7038, 48.8628, 54.6009



27.0320, 27.9404, 30.1552



6.2113, 6.3399, 7.1080



11.9775, 5.9961, 8.6285



0.1612, 0.0792, 0.1825

Inverse Universe

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



27.2243, 28.0173, 31.1676



47.7038, 48.8628, 54.6009



27.2242, 29.1424, 32.0006



6.2113, 6.3399, 7.1080



11.9775, 5.9961, 8.6285



0.1612, 0.0792, 0.1825

Previews

White Background



This preview shows how the XYZ color 27.2235, 28.0161, 31.1670 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2235, 28.0161, 31.1670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

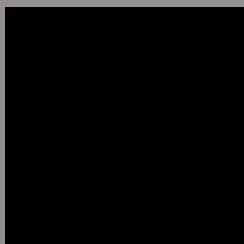
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

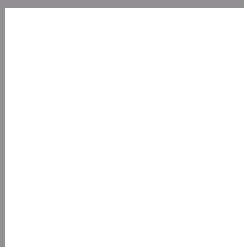
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.2235, 28.0161, 31.1670

Background



This preview shows how black text looks on a background with the XYZ color 27.2235, 28.0161, 31.1670.



This preview shows how white text looks on a background with the XYZ color 27.2235, 28.0161,

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

27.2235, 28.0161, 31.1670

Protanopia

27.0156, 28.1328, 31.2004

Deuteranopia

28.5492, 28.0308, 31.5096



Tritanopia

27.8172, 28.0355, 34.0823

Trichromacy



Original Color

27.2235, 28.0161, 31.1670

Protanomaly

27.1942, 28.2249, 31.2088

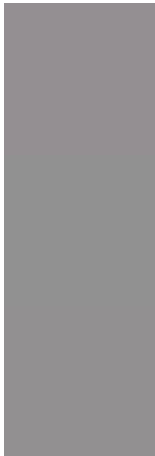
Deuteranomaly

28.1178, 28.0264, 31.5314

Tritanomaly

27.5724, 27.9376, 32.7934

Monochromacy



Original Color

27.2235, 28.0161, 31.1670

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.9382, 28.1018, 30.7925

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2235, 28.0161, 31.1670 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(148, 143, 146) looks like.

```
.text, #text, p{  
    color:rgb(148, 143, 146)  
}
```

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(148, 143, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 143, 146) }
```

Border

The CSS property to change the border of an element to XYZ 27.2235, 28.0161, 31.1670 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(148, 143, 146) }
```


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

```
.border{ border-color:rgb(148, 143, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 143, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 143, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 143, 146);  
box-shadow:4px 4px 4px 4px rgb(148, 143,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2235, 28.0161, 31.1670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 143, 146) }
```

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

```
.background{ background-color: rgb(148,  
143, 146) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor