

Converting Colors

XYZ(27.7266, 31.2439, 31.2839)

Have a look what the booklet for
XYZ(27.7266, 31.2439, 31.2839)
contains.

XYZ(27.8145, 31.3967, 31.3823)	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(27.8145, 31.3967,
31.3823)**

Conversions

Conversions Part 1

Format	Color
Hex	8C9C91
RGB	140, 156, 145
RGB Percent	55%, 61%, 57%
CMY	0.4510, 0.3882, 0.4314
CMYK	0.10, 0.00, 0.07, 0.39
HSL	139°, 7%, 58%
HSV	139°, 10%, 61%
XYZ	27.8145, 31.3967, 31.3823
YIQ	149.9620, -6.0050, -6.8130

Conversions

Conversions Part 2

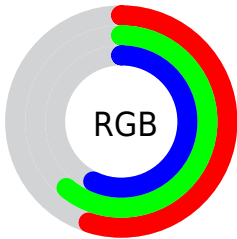
Format	Color
RYB	140, 152, 156
Decimal	9215121
CIELab	62.84, -7.88, 3.82
CIELCh	63, 8.754, 154.113
Yxy	31.3967, 0.3070, 0.3466
Android (android.graphics.Color)	4287405201 (0xFF8C9C91)
YUV	149.9620, -2.4463, -8.7367
Hunter-Lab	56.0328, -9.4504, 6.0163

Details

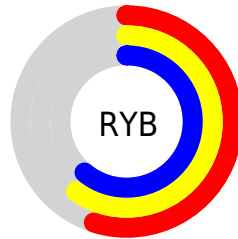
The XYZ color **27.8145, 31.3967, 31.3823** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.6754, 28.0592, 33.1841**, and the grayscale version is **28.9859, 30.4954, 33.2095**.

A 20% lighter version of the original color is **55.6035, 61.6860, 63.0088**, and **11.3336, 13.1030, 12.7583** is the 20% darker color. If you saturate the color by 10%, you get **24.5816, 29.8221, 27.1158**, and if you desaturate by 10%, it is **31.5000, 33.1974, 36.0789**.

Distribution



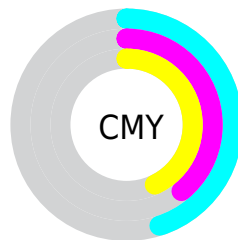
- Red (55%)
- Green (61%)
- Blue (57%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (7%)
- Black (39%)



- Cyan (45%)
- Magenta (39%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8145, 31.3967, 31.3823 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 27.8145, 31.3967, 31.3823 by changing the saturation by 10% instead.

■ 27.8145, 31.3967,
31.3823

■ 27.8145, 31.3967,
31.3823

283.6756,
308.3618, 322.7013

■ 18.3256, 20.9011,
20.6292

■ 55.5989, 61.8641,
62.9281

■ 11.2851, 13.0517,
12.6647

■ 74.6250, 82.6047,
84.5579

■ 6.3276, 7.4642,
7.0700

■ 97.5610, 107.5291,
110.6503

■ 3.0879, 3.7541,
3.4268

124.7722,
137.0217, 141.6240

■ 1.2004, 1.5370,
1.3165

156.6239,
171.4668, 177.8973

■ 0.1067, 0.3145,
0.0752

193.4815,

■ 0.0000, 0.0000,

211.2490, 219.8890

0.0000

235.7103,
256.7525, 268.0175

■ 27.8145, 31.3967,
31.3823

■ 27.8145, 31.3967,
31.3823

■ 24.5816, 29.8221,
27.1158

■ 31.5000, 33.1974,
36.0789

■ 21.7809, 28.4606,
23.2654

■ 35.6522, 35.2285,
41.2152

■ 19.3943, 27.3040,
19.8190

■ 40.2878, 37.4994,
46.8030

■ 17.4014, 26.3422,
16.7634

■ 45.4220, 40.0176,
52.8529

■ 15.7801, 25.5640,
14.0847

■ 51.0692, 42.7903,
59.3754

■ 14.5058, 24.9571,
11.7681

■ 57.2433, 45.8245,
66.3805

■ 13.5511, 24.5075,
9.7976

■ 63.9576, 49.1269,
73.8780

■ 12.8838, 24.1992,
8.1562

■ 67.5256, 50.7967,
81.7041

■ 12.4381, 23.9977,
6.8543

■ 69.0859, 51.4209,
89.9207

Harmonies

Analogous

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



28.5668, 31.3967, 29.0036



27.8145, 31.3967, 31.3823



27.5999, 31.3967, 34.6616

Triad

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



27.8145, 31.3967, 31.3823



30.0073, 31.3967, 41.2058



31.7921, 31.3967, 30.6136

Complementary

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



27.8145, 31.3967, 31.3823



28.6754, 28.0592, 33.1841

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.



32.2015, 31.3967, 33.7141



27.8145, 31.3967, 31.3823



31.1538, 31.3967, 39.9509

Square

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



27.8145, 31.3967, 31.3823



28.8460, 31.3967, 40.4788



31.9649, 31.3967, 37.1512



30.8599, 31.3967, 28.5811

Rectangle

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



27.8145, 31.3967, 31.3823



27.7857, 31.3967, 36.9557



31.9649, 31.3967, 37.1512



31.9965, 31.3967, 31.5577

Sweetspot

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



27.8154, 31.3980, 31.3830



55.2510, 59.3356, 63.0573



29.4229, 32.2703, 29.4893



12.0412, 12.9995, 13.7278



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.



27.8154, 31.3980, 31.3830



49.2915, 56.4266, 55.4023



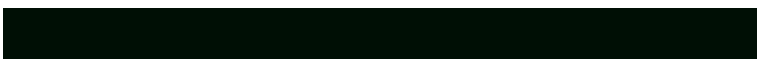
28.4379, 31.6471, 34.6614



6.6319, 7.4335, 7.4961



10.2588, 19.7715, 5.7201



0.2013, 0.3607, 0.1963

Inverse Universe

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



28.6754, 28.0592, 33.1841



51.1301, 49.2879, 59.2528



28.0624, 27.8140, 29.9563



6.8158, 6.7193, 7.8814



13.5062, 6.7070, 12.1824



0.2596, 0.1272, 0.3131

Previews

White Background



This preview shows how the XYZ color 27.8145, 31.3967, 31.3823 looks on a white background.

Color Contrast Check

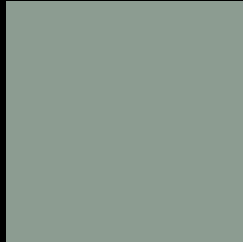
Large Text (above 18pt) WCAG AA × Fail

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 27.8145, 31.3967, 31.3823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

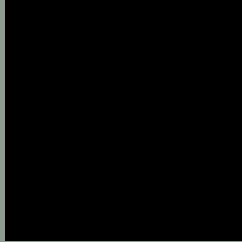
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

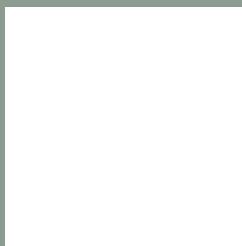
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.8145, 31.3967, 31.3823

Background



This preview shows how black text looks on a background with the XYZ color 27.8145, 31.3967, 31.3823.

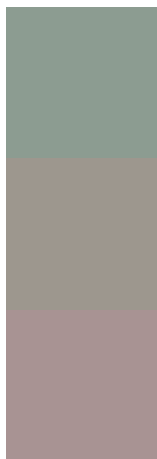


This preview shows how white text looks on a background with the XYZ color 27.8145, 31.3967,

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

27.8145, 31.3967, 31.3823

Protanopia

29.8537, 31.2543, 30.0504

Deuteranopia

31.8486, 31.2989, 31.9664



Tritanopia

29.5105, 31.3387, 40.0909

Trichromacy



Original Color

27.8145, 31.3967, 31.3823

Protanomaly

29.1117, 31.3449, 30.5024

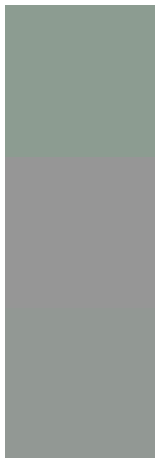
Deuteranomaly

30.1952, 31.1571, 31.6166

Tritanomaly

28.8825, 31.3306, 36.8729

Monochromacy



Original Color

27.8145, 31.3967, 31.3823

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.4276, 30.7056, 32.4454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8145, 31.3967, 31.3823 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(140, 156, 145) looks like.

```
.text, #text, p{  
    color:rgb(140, 156, 145)  
}
```

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(140, 156, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 156, 145) }
```

Border

The CSS property to change the border of an element to XYZ 27.8145, 31.3967, 31.3823 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(140, 156, 145) }
```


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

```
.border{ border-color:rgb(140, 156, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 156, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 156, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 156, 145);  
box-shadow:4px 4px 4px 4px rgb(140, 156,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8145, 31.3967, 31.3823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 156, 145) }
```

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

```
.background{ background-color: rgb(140,  
156, 145) }
```

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