

Converting Colors

XYZ(27.2109, 31.8527, 37.1775)

Have a look what the booklet for
XYZ(27.2109, 31.8527, 37.1775)
contains.

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Color

**XYZ(27.1998, 31.9702,
37.0850)**

Conversions

Conversions Part 1

Format	Color
Hex	7DA09E
RGB	125, 160, 158
RGB Percent	49%, 63%, 62%
CMY	0.5098, 0.3725, 0.3804
CMYK	0.22, 0.00, 0.01, 0.37
HSL	177°, 16%, 56%
HSV	177°, 22%, 63%
XYZ	27.1998, 31.9702, 37.0850
YIQ	149.3070, -20.2180, -8.0420

Conversions

Conversions Part 2

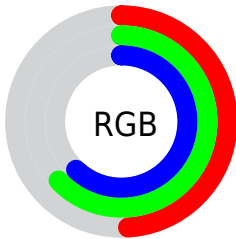
Format	Color
RYB	125, 143, 160
Decimal	8233118
CIELab	63.32, -12.40, -2.92
CIElCh	63, 12.735, 193.239
Yxy	31.9702, 0.2826, 0.3321
Android (android.graphics.Color)	4286423198 (0xFF7DA09E)
YUV	149.3070, 4.2856, -21.3172
Hunter-Lab	56.5422, -13.0809, 0.6923

Details

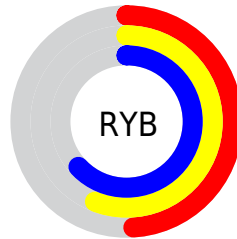
The XYZ color **27.1998, 31.9702, 37.0850** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.6627, 23.6740, 23.2970**, and the grayscale version is **28.6857, 30.1796, 32.8655**.

A 20% lighter version of the original color is **54.6708, 62.8700, 72.2044**, and **10.9181, 13.2825, 15.8983** is the 20% darker color. If you saturate the color by 10%, you get **24.9714, 30.8313, 36.5716**, and if you desaturate by 10%, it is **29.8070, 33.3059, 37.6205**.

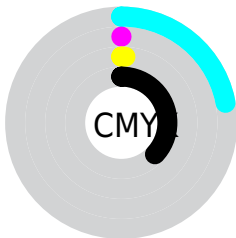
Distribution



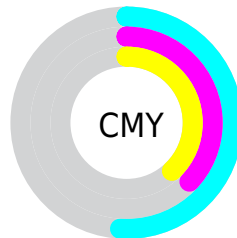
- Red (49%)
- Green (63%)
- Blue (62%)



- Red (49%)
- Yellow (56%)
- Blue (63%)



- Cyan (22%)
- Magenta (0%)
- Yellow (1%)
- Black (37%)



- Cyan (51%)
- Magenta (37%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1998, 31.9702, 37.0850 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 27.1998, 31.9702, 37.0850 by changing the saturation by 10% instead.

■ 27.1998, 31.9702,
37.0850

■ 27.1998, 31.9702,
37.0850

280.7732,
310.9835, 348.8581

■ 17.8607, 21.3387,
24.9770

■ 54.6219, 62.7644,
71.8913

■ 10.9491, 13.3718,
15.8411

■ 73.4357, 83.6959,
95.4267

■ 6.0997, 7.6851,
9.2586

■ 96.1384, 108.8295,
123.6082

■ 2.9470, 3.8941,
4.8111

123.0953,
138.5497, 156.8546

■ 1.1258, 1.6145,
2.0801

154.6719,
173.2407, 195.5842

■ 0.0465, 0.3674,
0.6039

191.2335,

■ 0.0000, 0.0000,

213.2871, 240.2156

0.0000

233.1455,
259.0733, 291.1674

■ 27.1998, 31.9702,
37.0850

■ 27.1998, 31.9702,
37.0850

■ 24.9714, 30.8313,
36.5716

■ 29.8070, 33.3059,
37.6205

■ 23.1009, 29.8760,
36.0774

■ 32.8069, 34.8433,
38.1768

■ 21.5699, 29.0957,
35.6020

■ 36.2163, 36.5916,
38.7554

■ 20.3570, 28.4793,
35.1447

■ 40.0500, 38.5586,
39.3569

■ 19.4385, 28.0146,
34.7041

■ 44.3222, 40.7516,
39.9820

■ 18.7874, 27.6877,
34.2791

■ 49.0464, 43.1775,
40.6313

■ 18.3716, 27.4820,
33.8681

■ 54.2355, 45.8431,
41.3055

■ 18.1452, 27.3723,
33.5416

■ 59.9020, 48.7546,
42.0052

■ 60.7162, 49.1647,
42.4808

Harmonies

Analogous

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



27.2500, 31.9702, 32.0804



27.1998, 31.9702, 37.0850



27.9796, 31.9702, 41.9059

Triad

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



27.1998, 31.9702, 37.0850



32.7727, 31.9702, 42.3860



31.3765, 31.9702, 26.3042

Complementary

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



27.1998, 31.9702, 37.0850



25.6627, 23.6740, 23.2970

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.



32.9281, 31.9702, 28.5643



27.1998, 31.9702, 37.0850



33.7554, 31.9702, 37.6905

Square

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



27.1998, 31.9702, 37.0850



31.1710, 31.9702, 45.1603



33.8133, 31.9702, 32.6302



29.6157, 31.9702, 26.1761

Rectangle

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



27.1998, 31.9702, 37.0850



28.8833, 31.9702, 44.2351



33.8133, 31.9702, 32.6302



31.9414, 31.9702, 26.8290

Sweetspot

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



27.2007, 31.9715, 37.0857



56.6097, 61.7477, 68.7790



25.0756, 31.1613, 24.0957



12.3517, 13.5095, 15.0724



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.



27.2007, 31.9715, 37.0857



47.4310, 57.0480, 66.8977



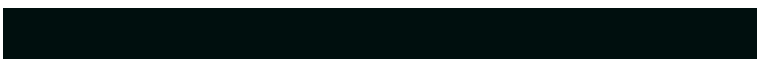
24.9035, 27.0990, 37.1773



6.8055, 7.5029, 8.4101



14.1397, 21.3238, 26.1565



0.2573, 0.3831, 0.4911

Inverse Universe

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



25.6627, 23.6740, 23.2970



44.1580, 39.3874, 37.5525



27.6025, 27.7603, 23.3061



6.6477, 6.6520, 6.9958



11.3378, 5.8397, 0.7642



0.2067, 0.1060, 0.0347

Previews

White Background



This preview shows how the XYZ color 27.1998, 31.9702, 37.0850 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 27.1998, 31.9702, 37.0850 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

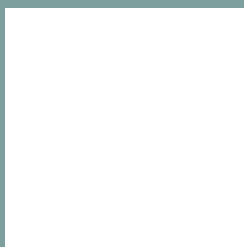
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.1998, 31.9702, 37.0850

Background



This preview shows how black text looks on a background with the XYZ color 27.1998, 31.9702, 37.0850.

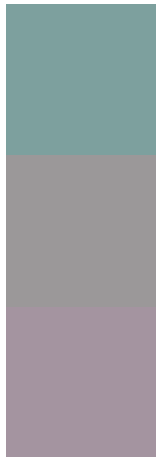


This preview shows how white text looks on a background with the XYZ color 27.1998, 31.9702,

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

27.1998, 31.9702, 37.0850

Protanopia

30.4956, 31.7249, 34.6532

Deuteranopia

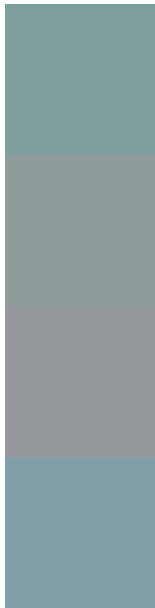
32.2449, 31.6104, 37.6596



Tritanopia

28.4796, 31.9832, 43.2004

Trichromacy



Original Color

27.1998, 31.9702, 37.0850

Protanomaly

29.1393, 31.7385, 35.6007

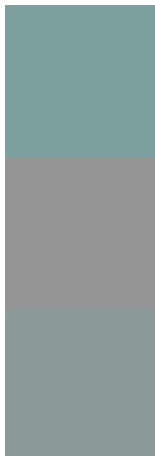
Deuteranomaly

30.0639, 31.4437, 37.2856

Tritanomaly

28.0335, 32.0615, 40.7874

Monochromacy



Original Color

27.1998, 31.9702, 37.0850

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.8739, 30.6249, 34.1478

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1998, 31.9702, 37.0850 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(125, 160, 158)` looks like.

```
.text, #text, p{  
    color:rgb(125, 160, 158)  
}
```

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(125, 160, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 160, 158) }
```

Border

The CSS property to change the border of an element to XYZ 27.1998, 31.9702, 37.0850 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(125, 160, 158) }
```


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

```
.border{ border-color:rgb(125, 160, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 160, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 160, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 160, 158);  
box-shadow:4px 4px 4px 4px rgb(125, 160,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1998, 31.9702, 37.0850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 160, 158) }
```

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

```
.background{ background-color: rgb(125,  
160, 158) }
```

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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