

Converting Colors

XYZ(27.1513, 31.7086, 36.1418)

Have a look what the booklet for
XYZ(27.1513, 31.7086, 36.1418)
contains.

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Color

**XYZ(27.1513, 31.7086,
36.1418)**

Conversions

Conversions Part 1

Format	Color
Hex	7F9F9C
RGB	127, 159, 156
RGB Percent	50%, 62%, 61%
CMY	0.5020, 0.3765, 0.3882
CMYK	0.20, 0.00, 0.02, 0.38
HSL	174°, 14%, 56%
HSV	174°, 20%, 62%
XYZ	27.1513, 31.7086, 36.1418
YIQ	149.0900, -18.1090, -7.7170

Conversions

Conversions Part 2

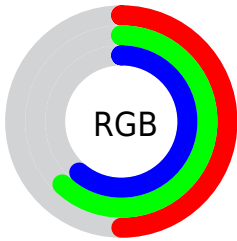
Format	Color
RYB	127, 144, 159
Decimal	8363932
CIELab	63.10, -11.66, -2.10
CIELCh	63, 11.844, 190.194
Yxy	31.7086, 0.2858, 0.3338
Android (android.graphics.Color)	4286554012 (0xFF7F9F9C)
YUV	149.0900, 3.4066, -19.3729
Hunter-Lab	56.3104, -12.4755, 1.3631

Details

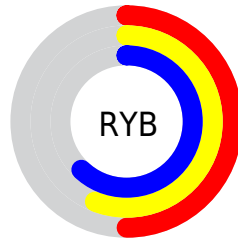
The XYZ color **27.1513, 31.7086, 36.1418** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.9179, 24.1623, 24.4183**, and the grayscale version is **28.5972, 30.0865, 32.7642**.

A 20% lighter version of the original color is **54.5018, 62.4496, 70.1542**, and **10.9729, 13.3228, 15.3578** is the 20% darker color. If you saturate the color by 10%, you get **24.8423, 30.5336, 35.3790**, and if you desaturate by 10%, it is **29.8374, 33.0795, 36.9317**.

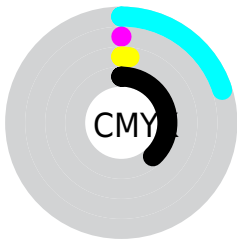
Distribution



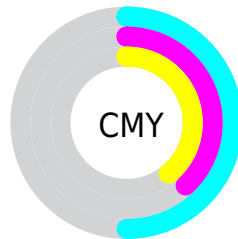
- Red (50%)
- Green (62%)
- Blue (61%)



- Red (50%)
- Yellow (56%)
- Blue (62%)



- Cyan (20%)
- Magenta (0%)
- Yellow (2%)
- Black (38%)



- Cyan (50%)
- Magenta (38%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1513, 31.7086, 36.1418 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 27.1513, 31.7086, 36.1418 by changing the saturation by 10% instead.

■ 27.1513, 31.7086,
36.1418

■ 27.1513, 31.7086,
36.1418

280.5431,
309.7897, 344.6360

■ 17.8241, 21.1390,
24.2532

■ 54.5447, 62.3540,
70.4224

■ 10.9227, 13.2257,
15.3076

■ 73.3416, 83.1986,
93.6514

■ 6.0818, 7.5841,
8.8865

■ 96.0258, 108.2370,
121.4977

■ 2.9360, 3.8300,
4.5714

122.9626,
137.8536, 154.3797

■ 1.1200, 1.5789,
1.9438

154.5174,
172.4327, 192.7160

■ 0.0418, 0.3433,
0.5204

191.0555,

■ 0.0000, 0.0000,

212.3589, 236.9251

0.0000

232.9423,
258.0164, 287.4256

■ 27.1513, 31.7086,
36.1418

■ 27.1513, 31.7086,
36.1418

■ 24.8423, 30.5336,
35.3790

■ 29.8374, 33.0795,
36.9317

■ 22.8902, 29.5416,
34.6403

■ 32.9143, 34.6508,
37.7473

■ 21.2770, 28.7241,
33.9255

■ 36.3982, 36.4318,
38.5902

■ 19.9821, 28.0705,
33.2336

■ 40.3036, 38.4299,
39.4609

■ 18.9825, 27.5690,
32.5636

■ 44.6444, 40.6522,
40.3602

■ 18.2525, 27.2063,
31.9141

■ 49.4338, 43.1057,
41.2888

■ 17.7614, 26.9666,
31.2837

■ 54.6844, 45.7967,
42.2472

■ 17.4394, 26.8137,
30.6766

■ 60.4084, 48.7315,
43.2361

■ 60.8402, 48.9380,
43.9856

Harmonies

Analogous

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



27.2786, 31.7086, 31.5662



27.1513, 31.7086, 36.1418



27.8020, 31.7086, 40.6619

Triad

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



27.1513, 31.7086, 36.1418



32.2109, 31.7086, 41.8622



31.2149, 31.7086, 26.7349

Complementary

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



27.1513, 31.7086, 36.1418



25.9179, 24.1623, 24.4183

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.



32.6015, 31.7086, 29.0393



27.1513, 31.7086, 36.1418



33.1907, 31.7086, 37.6638

Square

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



27.1513, 31.7086, 36.1418



30.6974, 31.7086, 44.1567



33.3362, 31.7086, 32.9577



29.5856, 31.7086, 26.4073

Rectangle

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



27.1513, 31.7086, 36.1418



28.6037, 31.7086, 42.9334



33.3362, 31.7086, 32.9577



31.7264, 31.7086, 27.2935

Sweetspot

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



27.1522, 31.7099, 36.1425



55.5587, 60.3245, 66.7186



25.4665, 31.0916, 24.7383



12.4521, 13.5625, 15.0219



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.



27.1522, 31.7099, 36.1425



46.7530, 55.8333, 64.1274



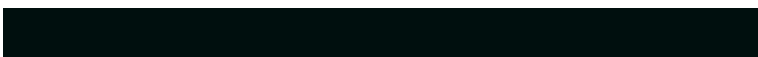
25.3211, 27.6358, 36.8021



6.7950, 7.4988, 8.3551



13.7818, 21.1806, 24.2716



0.2534, 0.3815, 0.4709

Inverse Universe

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



25.9179, 24.1623, 24.4183



44.1484, 39.9026, 39.3847



27.4788, 27.6021, 23.9587



6.6571, 6.6558, 7.0453



11.3683, 5.8519, 0.9247



0.2098, 0.1072, 0.0509

Previews

White Background



This preview shows how the XYZ color 27.1513, 31.7086, 36.1418 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 27.1513, 31.7086, 36.1418 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

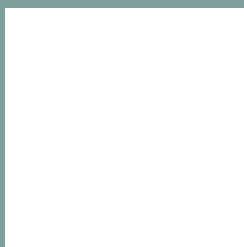
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.1513, 31.7086, 36.1418

Background



This preview shows how black text looks on a background with the XYZ color 27.1513, 31.7086, 36.1418.

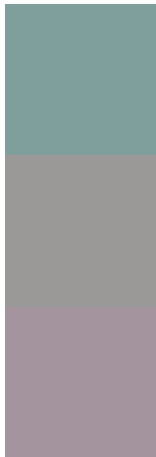


This preview shows how white text looks on a background with the XYZ color 27.1513, 31.7086,

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

27.1513, 31.7086, 36.1418

Protanopia

30.4133, 31.6920, 34.2200

Deuteranopia

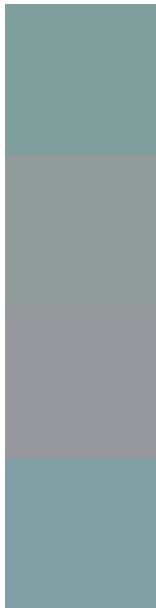
32.0713, 31.5409, 36.7454



Tritanopia

28.4243, 31.7243, 42.1614

Trichromacy



Original Color

27.1513, 31.7086, 36.1418

Protanomaly

29.1482, 31.7623, 34.7315

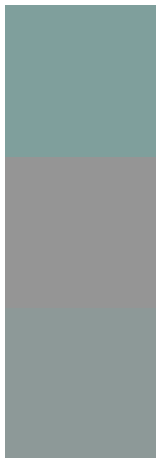
Deuteranomaly

30.0765, 31.4701, 36.3874

Tritanomaly

27.9810, 31.8012, 39.7854

Monochromacy



Original Color

27.1513, 31.7086, 36.1418

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.0432, 30.7122, 34.1558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1513, 31.7086, 36.1418 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(127, 159, 156)` looks like.

```
.text, #text, p{  
    color:rgb(127, 159, 156)  
}
```

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(127, 159, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 159, 156) }
```

Border

The CSS property to change the border of an element to XYZ 27.1513, 31.7086, 36.1418 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(127, 159, 156) }
```


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

```
.border{ border-color:rgb(127, 159, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 159, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 159, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 159, 156);  
box-shadow:4px 4px 4px 4px rgb(127, 159,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1513, 31.7086, 36.1418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 159, 156) }
```

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

```
.background{ background-color: rgb(127,  
159, 156) }
```

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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