

Converting Colors

XYZ(27.2555, 31.6677, 36.0401)

Have a look what the booklet for
XYZ(27.2555, 31.6677, 36.0401)
contains.

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Color

**XYZ(27.3010, 31.7858,
36.1488)**

Conversions

Conversions Part 1

Format	Color
Hex	809F9C
RGB	128, 159, 156
RGB Percent	50%, 62%, 61%
CMY	0.4980, 0.3765, 0.3882
CMYK	0.19, 0.00, 0.02, 0.38
HSL	174°, 14%, 56%
HSV	174°, 19%, 62%
XYZ	27.3010, 31.7858, 36.1488
YIQ	149.3890, -17.5130, -7.5050

Conversions

Conversions Part 2

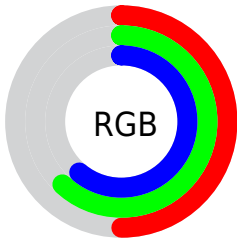
Format	Color
RYB	128, 144, 159
Decimal	8429468
CIELab	63.17, -11.33, -1.99
CIELCh	63, 11.504, 189.984
Yxy	31.7858, 0.2867, 0.3338
Android (android.graphics.Color)	4286619548 (0xFF809F9C)
YUV	149.3890, 3.2592, -18.7582
Hunter-Lab	56.3789, -12.2260, 1.4499

Details

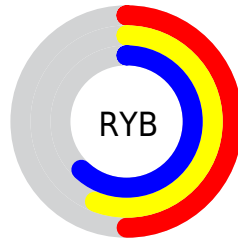
The XYZ color **27.3010, 31.7858, 36.1488** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.1152, 24.4489, 24.8169**, and the grayscale version is **28.7237, 30.2195, 32.9091**.

A 20% lighter version of the original color is **54.7355, 62.5700, 70.1651**, and **11.0542, 13.3647, 15.3616** is the 20% darker color. If you saturate the color by 10%, you get **24.9650, 30.5973, 35.3637**, and if you desaturate by 10%, it is **30.0153, 33.1708, 36.9616**.

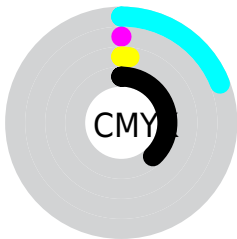
Distribution



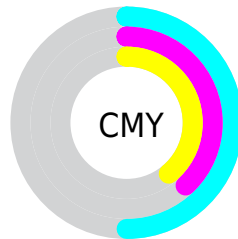
- Red (50%)
- Green (62%)
- Blue (61%)



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



- Cyan (19%)
- Magenta (0%)
- Yellow (2%)
- Black (38%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3010, 31.7858, 36.1488 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 27.3010, 31.7858, 36.1488 by changing the saturation by 10% instead.

■ 27.3010, 31.7858,
36.1488

■ 27.3010, 31.7858,
36.1488

281.2526,
310.1423, 344.6675

■ 17.9372, 21.1979,
24.2585

■ 54.7830, 62.4751,
70.4333

■ 11.0043, 13.2688,
15.3115

■ 73.6318, 83.3454,
93.6646

■ 6.1370, 7.6139,
8.8893

■ 96.3731, 108.4119,
121.5134

■ 2.9700, 3.8489,
4.5732

123.3721,
138.0591, 154.3981

■ 1.1379, 1.5894,
1.9448

154.9942,
172.6714, 192.7373

■ 0.0565, 0.3504,
0.5210

191.6047,

■ 0.0000, 0.0000,

212.6331, 236.9496

0.0000

233.5691,
258.3286, 287.4535

■ 27.3010, 31.7858,
36.1488

■ 27.3010, 31.7858,
36.1488

■ 24.9650, 30.5973,
35.3637

■ 30.0153, 33.1708,
36.9616

■ 22.9870, 29.5925,
34.6033

■ 33.1215, 34.7567,
37.8007

■ 21.3494, 28.7628,
33.8674

■ 36.6357, 36.5528,
38.6676

■ 20.0315, 28.0978,
33.1550

■ 40.5725, 38.5665,
39.5630

■ 19.0106, 27.5857,
32.4650

■ 44.9456, 40.8050,
40.4875

■ 18.2610, 27.2133,
31.7961

■ 49.7682, 43.2750,
41.4419

■ 17.7525, 26.9651,
31.1470

■ 55.0528, 45.9830,
42.4267

■ 17.4185, 26.8065,
30.5145

■ 60.7365, 48.8965,
43.4391

■ 17.4026, 26.7990,
30.4829

■ 60.8812, 48.9544,
44.2011

Harmonies

Analogous

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



27.4305, 31.7858, 31.6997



27.3010, 31.7858, 36.1488



27.9302, 31.7858, 40.5424

Triad

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



27.3010, 31.7858, 36.1488



32.2177, 31.7858, 41.7567



31.2694, 31.7858, 27.0210

Complementary

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



27.3010, 31.7858, 36.1488



26.1152, 24.4489, 24.8169

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.



32.6137, 31.7858, 29.2853



27.3010, 31.7858, 36.1488



33.1743, 31.7858, 37.6918

Square

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



27.3010, 31.7858, 36.1488



30.7443, 31.7858, 43.9628



33.3217, 31.7858, 33.1142



29.6848, 31.7858, 26.6866

Rectangle

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



27.3010, 31.7858, 36.1488



28.7086, 31.7858, 42.7530



33.3217, 31.7858, 33.1142



31.7659, 31.7858, 27.5716

Sweetspot

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



27.3019, 31.7871, 36.1495



55.5541, 60.3227, 66.6947



25.6710, 31.1894, 25.0898



12.4510, 13.5621, 15.0160



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.



27.3019, 31.7871, 36.1495



47.1653, 56.0451, 64.1775



25.5327, 27.8368, 36.8297



6.7941, 7.4984, 8.3506



13.7530, 21.1691, 24.1198



0.2531, 0.3814, 0.4693

Inverse Universe

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



26.1152, 24.4489, 24.8169



44.6809, 40.6794, 40.4507



27.6321, 27.8038, 24.3330



6.6579, 6.6561, 7.0494



11.3712, 5.8530, 0.9398



0.2100, 0.1073, 0.0522

Previews

White Background



This preview shows how the XYZ color 27.3010, 31.7858, 36.1488 looks on a white background.

Color Contrast Check

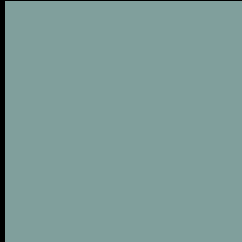
Large Text (above 18pt) WCAG AA × Fail

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 27.3010, 31.7858, 36.1488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

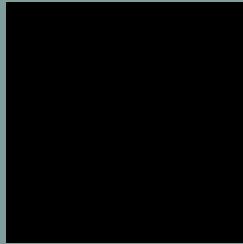
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.3010, 31.7858, 36.1488

Background



This preview shows how black text looks on a background with the XYZ color 27.3010, 31.7858, 36.1488.

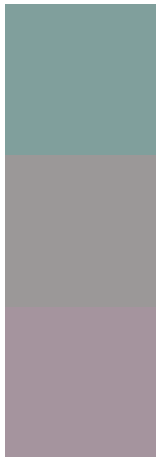


This preview shows how white text looks on a background with the XYZ color 27.3010, 31.7858,

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

27.3010, 31.7858, 36.1488

Protanopia

30.4133, 31.6920, 34.2200

Deuteranopia

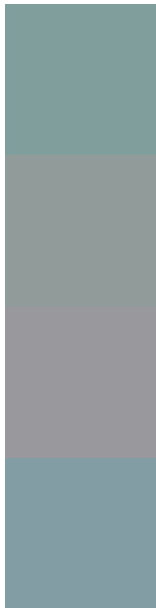
32.2785, 31.6478, 36.7551



Tritanopia

28.5785, 31.8038, 42.1686

Trichromacy



Original Color

27.3010, 31.7858, 36.1488

Protanomaly

29.1482, 31.7623, 34.7315

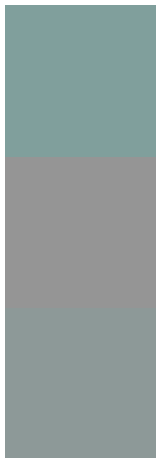
Deuteranomaly

30.2629, 31.5662, 36.3961

Tritanomaly

28.1336, 31.8799, 39.7926

Monochromacy



Original Color

27.3010, 31.7858, 36.1488

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 27.3010, 31.7858, 36.1488 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(128, 159, 156)` looks like.

```
.text, #text, p{  
    color:rgb(128, 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(128, 159, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 159, 156) }
```

Border

The CSS property to change the border of an element to XYZ 27.3010, 31.7858, 36.1488 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(128, 159, 156) }
```


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

```
.border{ border-color:rgb(128, 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(128, 159, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 159, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 159, 156);  
box-shadow:4px 4px 4px 4px rgb(128, 159,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3010, 31.7858, 36.1488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 159, 156) }
```

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

```
.background{ background-color: rgb(128,  
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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