

Converting Colors

XYZ(27.3866, 29.7115, 31.6389)

Have a look what the booklet for
XYZ(27.3866, 29.7115, 31.6389)
contains.

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Color

**XYZ(27.4223, 29.7277,
31.4868)**

Conversions

Conversions Part 1

Format	Color
Hex	8F9692
RGB	143, 150, 146
RGB Percent	56%, 59%, 57%
CMY	0.4392, 0.4117, 0.4274
CMYK	0.05, 0.00, 0.03, 0.41
HSL	146°, 3%, 57%
HSV	146°, 5%, 59%
XYZ	27.4223, 29.7277, 31.4868
YIQ	147.4510, -2.8880, -2.7280

Conversions

Conversions Part 2

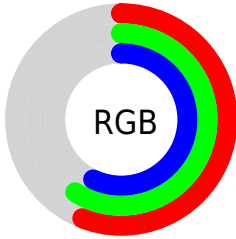
Format	Color
R_{YB}	143, 148, 150
Decimal	9410194
CIE Lab	61.42, -3.31, 1.22
CIE LCh	61, 3.531, 159.732
Yxy	29.7277, 0.3094, 0.3354
Android (android.graphics.Color)	4287600274 (0xFF8F9692)
YUV	147.4510, -0.7153, -3.9035
Hunter-Lab	54.5231, -5.6392, 3.9265

Details

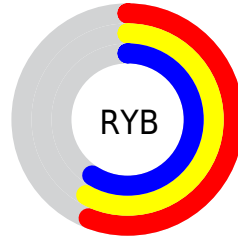
The XYZ color **27.4223, 29.7277, 31.4868** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.6677, 28.2362, 31.5971**, and the grayscale version is **27.9244, 29.3786, 31.9933**.

A 20% lighter version of the original color is **55.0442, 59.2262, 63.1742**, and **11.0874, 12.0954, 12.8166** is the 20% darker color. If you saturate the color by 10%, you get **24.3552, 28.2216, 27.9916**, and if you desaturate by 10%, it is **30.8884, 31.4354, 35.2631**.

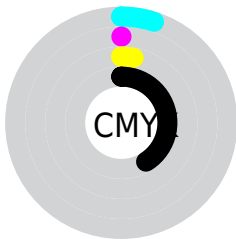
Distribution



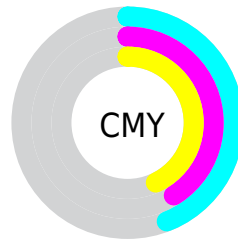
- Red (56%)
- Green (59%)
- Blue (57%)



- Red (56%)
- Yellow (58%)
- Blue (59%)



- Cyan (5%)
- Magenta (0%)
- Yellow (3%)
- Black (41%)



- Cyan (44%)
- Magenta (41%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4223, 29.7277, 31.4868 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 27.4223, 29.7277, 31.4868 by changing the saturation by 10% instead.

■ 27.4223, 29.7277,
31.4868

■ 27.4223, 29.7277,
31.4868

281.8265,
300.6331, 323.1952

■ 18.0289, 19.6320,
20.7082

■ 54.9759, 59.2313,
63.0942

■ 11.0705, 12.1278,
12.7217

■ 73.8668, 79.4080,
84.7602

■ 6.1819, 6.8308,
7.1088

■ 96.6542, 103.7137,
110.8923

■ 2.9977, 3.3565,
3.4507

123.7035,
132.5330, 141.9092

■ 1.1526, 1.3206,
1.3291

155.3800,
166.2502, 178.2294

■ 0.0684, 0.1570,
0.0855

192.0491,

■ 0.0000, 0.0000,

205.2497, 220.2714

0.0000

234.0761,
249.9159, 268.4538

■ 27.4223, 29.7277,
31.4868

■ 27.4223, 29.7277,
31.4868

■ 24.3552, 28.2216,
27.9916

■ 30.8884, 31.4354,
35.2631

■ 21.6697, 26.9057,
24.7691

■ 34.7650, 33.3480,
39.3246

■ 19.3511, 25.7734,
21.8133

■ 39.0662, 35.4734,
43.6780

■ 17.3824, 24.8162,
19.1174

■ 43.8045, 37.8181,
48.3291

■ 15.7456, 24.0248,
16.6742

■ 48.9923, 40.3882,
53.2835

■ 14.4206, 23.3890,
14.4761

■ 54.6411, 43.1896,
58.5466

■ 13.3853, 22.8976,
12.5151

■ 60.7622, 46.2280,
64.1238

■ 12.6144, 22.5377,
10.7829

■ 64.3602, 47.9592,
69.8795

■ 12.0762, 22.2932,
9.2704

■ 65.4884, 48.4105,
75.8209

Harmonies

Analogous

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



27.6859, 29.7277, 30.4331



27.4223, 29.7277, 31.4868



27.3805, 29.7277, 32.8045

Triad

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



27.4223, 29.7277, 31.4868



28.4072, 29.7277, 34.9665



28.9506, 29.7277, 30.7542

Complementary

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



27.4223, 29.7277, 31.4868



27.6677, 28.2362, 31.5971

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.



29.1485, 29.7277, 31.9362



27.4223, 29.7277, 31.4868



28.8324, 29.7277, 34.3841

Square

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



27.4223, 29.7277, 31.4868



27.9458, 29.7277, 34.8381



29.1050, 29.7277, 33.2663



28.5671, 29.7277, 30.0183

Rectangle

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



27.4223, 29.7277, 31.4868



27.4836, 29.7277, 33.6590



29.1050, 29.7277, 33.2663



29.0412, 29.7277, 31.1112

Sweetspot

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



27.4231, 29.7290, 31.4875



50.5419, 53.5196, 57.9388



27.9129, 30.0081, 30.3078



11.2094, 11.8649, 12.8494



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.



27.4231, 29.7290, 31.4875



47.5655, 52.0551, 54.6408



27.6932, 29.8370, 32.9095



6.0207, 6.6026, 6.9169



9.8348, 18.4067, 7.1715



0.1347, 0.2310, 0.1630

Inverse Universe

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



27.6677, 28.2362, 31.5971



48.1256, 48.6355, 54.8918



27.4032, 28.1304, 30.2046



6.0954, 6.1467, 6.9504



11.8322, 5.9379, 7.8634



0.1596, 0.0786, 0.1742

Previews

White Background



This preview shows how the XYZ color 27.4223, 29.7277, 31.4868 looks on a white background.

Color Contrast Check

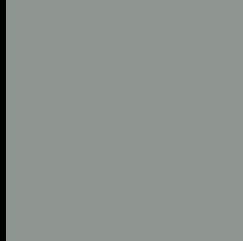
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4223, 29.7277, 31.4868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

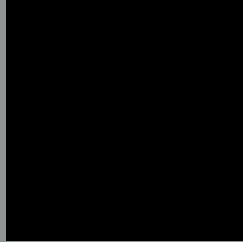
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.4223, 29.7277, 31.4868

Background



This preview shows how black text looks on a background with the XYZ color 27.4223, 29.7277, 31.4868.



This preview shows how white text looks on a background with the XYZ color 27.4223, 29.7277, 31.4868.

31.4868.

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

27.4223, 29.7277, 31.4868

Protanopia

28.4934, 29.5872, 30.9972

Deuteranopia

30.1932, 29.5380, 31.7138



Tritanopia

28.6121, 29.7376, 37.4896

Trichromacy



Original Color

27.4223, 29.7277, 31.4868

Protanomaly

28.0952, 29.6137, 31.0233

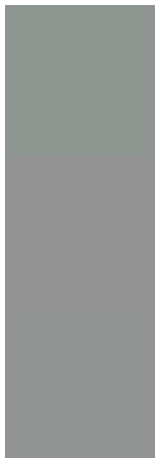
Deuteranomaly

29.2556, 29.7323, 31.8007

Tritanomaly

28.1654, 29.7907, 35.2761

Monochromacy



Original Color

27.4223, 29.7277, 31.4868

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.7104, 29.3974, 31.8175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4223, 29.7277, 31.4868 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(143, 150, 146)` looks like.

```
.text, #text, p{  
    color:rgb(143, 150, 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(143, 150, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 150, 146) }
```

Border

The CSS property to change the border of an element to XYZ 27.4223, 29.7277, 31.4868 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(143, 150, 146) }
```


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

```
.border{ border-color:rgb(143, 150, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 150, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 150, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 150, 146);  
box-shadow:4px 4px 4px 4px rgb(143, 150,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4223, 29.7277, 31.4868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 150, 146) }
```

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

```
.background{ background-color: rgb(143,  
150, 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](#).

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