

Converting Colors

XYZ(27.1616, 27.7416, 31.8986)

Have a look what the booklet for
XYZ(27.1616, 27.7416, 31.8986)
contains.

XYZ(27.2310, 27.7800, 31.9438)	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(27.2310, 27.7800,
31.9438)**

Conversions

Conversions Part 1

Format	Color
Hex	948E94
RGB	148, 142, 148
RGB Percent	58%, 56%, 58%
CMY	0.4196, 0.4431, 0.4196
CMYK	0.00, 0.04, 0.00, 0.42
HSL	300°, 3%, 57%
HSV	300°, 4%, 58%
XYZ	27.2310, 27.7800, 31.9438
YIQ	144.4780, 1.6500, 3.1380

Conversions

Conversions Part 2

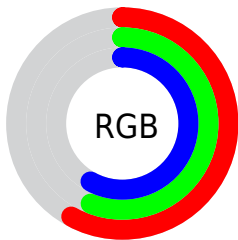
Format	Color
R_{YB}	148, 142, 148
Decimal	9735828
CIE Lab	59.69, 3.37, -2.39
CIE LCh	60, 4.135, 324.607
Yxy	27.7800, 0.3132, 0.3195
Android (android.graphics.Color)	4287925908 (0xFF948E94)
YUV	144.4780, 1.7363, 3.0888
Hunter-Lab	52.7067, -0.0145, 0.9610

Details

The XYZ color **27.2310, 27.7800, 31.9438** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.6288, 28.8843, 29.7643**, and the grayscale version is **26.6955, 28.0857, 30.5853**.

A 20% lighter version of the original color is **54.7577, 56.3007, 63.8582**, and **10.9146, 11.0587, 12.8686** is the 20% darker color. If you saturate the color by 10%, you get **25.1739, 23.6655, 31.2584**, and if you desaturate by 10%, it is **29.5821, 32.4817, 32.7278**.

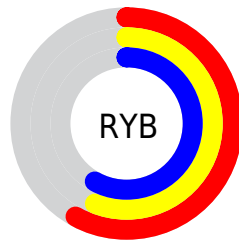
Distribution



Red (58%)

Green (56%)

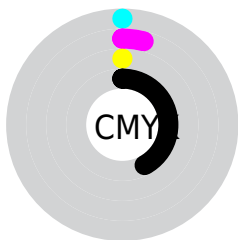
Blue (58%)



Red (58%)

Yellow (56%)

Blue (58%)

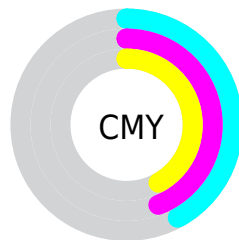


Cyan (0%)

Magenta (4%)

Yellow (0%)

Black (42%)



Cyan (42%)

Magenta (44%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2310, 27.7800, 31.9438 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 27.2310, 27.7800, 31.9438 by changing the saturation by 10% instead.

■ 27.2310, 27.7800,
31.9438

■ 27.2310, 27.7800,
31.9438

280.9210,
291.4142, 325.3480

■ 17.8843, 18.1599,
21.0541

■ 54.6716, 56.1330,
63.8199

■ 10.9661, 11.0648,
12.9719

■ 73.4962, 75.6347,
85.6433

■ 6.1112, 6.1105,
7.2787

■ 96.2108, 99.1990,
111.9484

■ 2.9541, 2.9124,
3.5559

123.1807,
127.2104, 143.1538

■ 1.1295, 1.0862,
1.3850

154.7713,
160.0532, 179.6778

■ 0.0496, 0.0000,
0.1300

191.3480,

■ 0.0000, 0.0000,

198.1118, 221.9392

0.0000

233.2761,
241.7707, 270.3564

■ 27.2310, 27.7800,
31.9438

■ 27.2310, 27.7800,
31.9438

■ 25.1739, 23.6655,
31.2584

■ 29.5821, 32.4817,
32.7278

■ 23.3969, 20.1116,
30.6661

■ 32.2356, 37.7886,
33.6123

■ 21.8887, 17.0953,
30.1634

■ 35.2026, 43.7224,
34.6013

■ 20.6362, 14.5904,
29.7460

■ 38.4927, 50.3027,
35.6980

■ 19.6253, 12.5686,
29.4090

■ 42.1155, 57.5481,
36.9055

■ 18.8403, 10.9987,
29.1473

■ 46.0798, 65.4766,
38.2270

■ 18.2639, 9.8460,
28.9552

■ 50.3942, 74.1054,
39.6651

■ 17.8763, 9.0709,
28.8260

■ 53.3187, 79.9544,
40.6399

■ 17.6533, 8.6249,
28.7517

■ 53.3188, 79.9544,
40.6399

Harmonies

Analogous

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



26.8243, 27.7800, 32.9380



27.2310, 27.7800, 31.9438



27.4163, 27.7800, 30.5187

Triad

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



27.2310, 27.7800, 31.9438



26.4985, 27.7800, 27.4744



25.5017, 27.7800, 31.4609

Complementary

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



27.2310, 27.7800, 31.9438



26.6288, 28.8843, 29.7643

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.



25.4171, 27.7800, 29.9783



27.2310, 27.7800, 31.9438



25.9882, 27.7800, 27.7081

Square

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



27.2310, 27.7800, 31.9438



26.9898, 27.7800, 27.9637



25.5940, 27.7800, 28.6127



25.8268, 27.7800, 32.6528

Rectangle

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



27.2310, 27.7800, 31.9438



27.3876, 27.7800, 29.5283



25.5940, 27.7800, 28.6127



25.4444, 27.7800, 30.9786

Sweetspot

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



27.2318, 27.7812, 31.9444



49.2506, 51.4220, 56.7642



26.1897, 27.2661, 31.8999



11.2487, 11.7503, 12.9600



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.



27.2318, 27.7812, 31.9444



47.6443, 48.2094, 56.2288



27.0052, 27.6905, 30.7509



6.2143, 6.2672, 7.3519



14.9969, 7.2038, 24.5311



0.1836, 0.0882, 0.3002

Inverse Universe

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



26.7692, 27.5962, 29.5084



46.6241, 47.8013, 50.8562



26.8493, 28.9725, 30.9257



6.0702, 6.2096, 6.5927



10.4317, 5.3777, 0.4883



0.1277, 0.0658, 0.0060

Previews

White Background



This preview shows how the XYZ color 27.2310, 27.7800, 31.9438 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 27.2310, 27.7800, 31.9438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

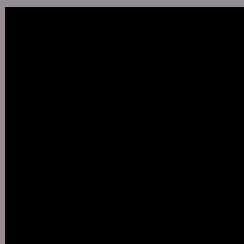
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.2310, 27.7800, 31.9438

Background



This preview shows how black text looks on a background with the XYZ color 27.2310, 27.7800, 31.9438.



This preview shows how white text looks on a background with the XYZ color 27.2310, 27.7800,

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

27.2310, 27.7800, 31.9438

Protanopia

26.9243, 27.8346, 32.3873

Deuteranopia

28.1750, 27.6037, 32.2768



Tritanopia

27.5868, 27.7063, 33.5996

Trichromacy



Original Color

27.2310, 27.7800, 31.9438

Protanomaly

27.1013, 27.9258, 32.3956

Deuteranomaly

27.7518, 27.6015, 32.2987

Tritanomaly

27.5052, 27.6737, 33.1700

Monochromacy



Original Color

27.2310, 27.7800, 31.9438

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.6103, 27.7090, 30.7339

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2310, 27.7800, 31.9438 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(148, 142, 148) looks like.

```
.text, #text, p{  
    color:rgb(148, 142, 148)  
}
```

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(148, 142, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 142, 148) }
```

Border

The CSS property to change the border of an element to XYZ 27.2310, 27.7800, 31.9438 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(148, 142, 148) }
```


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

```
.border{ border-color:rgb(148, 142, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 142, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 142, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 142, 148);  
box-shadow:4px 4px 4px 4px rgb(148, 142,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2310, 27.7800, 31.9438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 142, 148) }
```

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

```
.background{ background-color: rgb(148,  
142, 148) }
```

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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