

Converting Colors

XYZ(27.2573, 31.6358, 18.8008)

Have a look what the booklet for
XYZ(27.2573, 31.6358, 18.8008)
contains.

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Color

**XYZ(27.3414, 31.6807,
18.8613)**

Conversions

Conversions Part 1

Format	Color
Hex	969D6C
RGB	150, 157, 108
RGB Percent	59%, 62%, 42%
CMY	0.4118, 0.3843, 0.5765
CMYK	0.04, 0.00, 0.31, 0.38
HSL	69°, 20%, 52%
HSV	69°, 31%, 62%
XYZ	27.3414, 31.6807, 18.8613
YIQ	149.3210, 11.5570, -16.7230

Conversions

Conversions Part 2

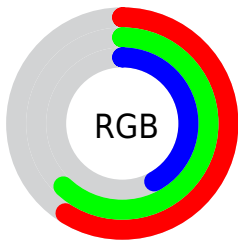
Format	Color
RYB	108, 157, 115
Decimal	9870700
CIELab	63.08, -10.79, 24.85
CIElCh	63, 27.094, 113.470
Yxy	31.6807, 0.3511, 0.4068
Android (android.graphics.Color)	4288060780 (0xFF969D6C)
YUV	149.3210, -20.3713, 0.5955
Hunter-Lab	56.2856, -11.7913, 19.5319

Details

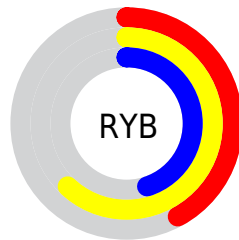
The XYZ color **27.3414, 31.6807, 18.8613** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.5199, 16.8051, 34.1678**, and the grayscale version is **28.7827, 30.2817, 32.9768**.

A 20% lighter version of the original color is **55.0655, 62.6042, 42.4393**, and **11.0066, 13.2310, 6.2487** is the 20% darker color. If you saturate the color by 10%, you get **26.1713, 31.1665, 14.8307**, and if you desaturate by 10%, it is **28.6716, 32.2620, 23.6862**.

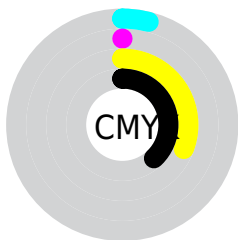
Distribution



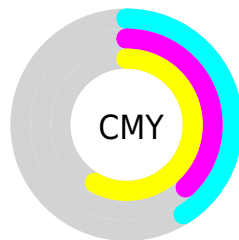
- Red (59%)
- Green (62%)
- Blue (42%)



- Red (42%)
- Yellow (62%)
- Blue (45%)



- Cyan (4%)
- Magenta (0%)
- Yellow (31%)
- Black (38%)



- Cyan (41%)
- Magenta (38%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3414, 31.6807, 18.8613 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 27.3414, 31.6807, 18.8613 by changing the saturation by 10% instead.

■ 27.3414, 31.6807,
18.8613

■ 27.3414, 31.6807,
18.8613

281.4438,
309.6622, 258.0791

■ 17.9677, 21.1177,
11.3943

■ 54.8473, 62.3102,
42.3332

■ 11.0263, 13.2101,
6.2152

■ 73.7101, 83.1455,
59.1751

■ 6.1520, 7.5734,
2.9055

■ 96.4667, 108.1737,
79.9791

■ 2.9793, 3.8232,
1.0466

■ 123.4825,
137.7792, 105.1638

■ 1.1428, 1.5752,
0.0000

155.1227,
172.3464, 135.1475

■ 0.0605, 0.3408,
0.0000

191.7528,

■ 0.0000, 0.0000,

212.2597, 170.3490

0.0000

233.7380,
257.9035, 211.1867

■ 27.3414, 31.6807,
18.8613

■ 27.3414, 31.6807,
18.8613

■ 26.1713, 31.1665,
14.8307

■ 28.6716, 32.2620,
23.6862

■ 25.1506, 30.7119,
11.5499

■ 30.1669, 32.9092,
29.3427

■ 24.2714, 30.3147,
8.9729

■ 31.8352, 33.6266,
35.8683

■ 23.5237, 29.9711,
7.0480

■ 33.6830, 34.4166,
43.2976

■ 22.8963, 29.6765,
5.7164

■ 35.7167, 35.2820,
51.6632

■ 22.3761, 29.4257,
4.9087

■ 37.9421, 36.2250,
60.9962

■ 21.9791, 29.2300,
4.4835

■ 40.3650, 37.2479,
71.3262

■ 42.9907, 38.3528,
82.6816

■ 45.8244, 39.5420,
95.0896

Harmonies

Analogous

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



30.9356, 31.6807, 17.8322



27.3414, 31.6807, 18.8613



24.7024, 31.6807, 23.6449

Triad

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



27.3414, 31.6807, 18.8613



26.0365, 31.6807, 53.7982



37.8236, 31.6807, 36.8869

Complementary

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



27.3414, 31.6807, 18.8613



18.5199, 16.8051, 34.1678

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.



36.2577, 31.6807, 48.2407



27.3414, 31.6807, 18.8613



29.3023, 31.6807, 59.2249

Square

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



27.3414, 31.6807, 18.8613



23.9937, 31.6807, 43.3502



33.0628, 31.6807, 57.0051



37.1899, 31.6807, 26.9359

Rectangle

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



27.3414, 31.6807, 18.8613



23.7391, 31.6807, 28.9685



33.0628, 31.6807, 57.0051



37.5331, 31.6807, 40.6829

Sweetspot

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



27.3422, 31.6821, 18.8620



54.6061, 59.1853, 54.7998



22.6902, 20.4070, 16.9308



11.9297, 12.9863, 11.7257



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.3422, 31.6821, 18.8620



47.5697, 56.1232, 28.9277



23.3642, 29.6314, 18.6758



7.0769, 7.6723, 7.0936



17.8737, 23.7510, 3.6423



0.3427, 0.4366, 0.0662

Inverse Universe

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



18.5199, 16.8051, 34.1678



29.3853, 25.4496, 60.4902



22.1024, 18.6520, 34.3354



6.3686, 6.4785, 8.3215



5.2397, 2.1302, 26.0422



0.1158, 0.0495, 0.4667

Previews

White Background



This preview shows how the XYZ color 27.3414, 31.6807, 18.8613 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 27.3414, 31.6807, 18.8613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

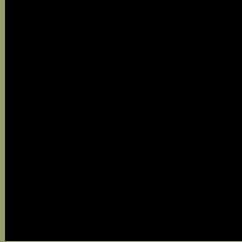
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.3414, 31.6807, 18.8613

Background



This preview shows how black text looks on a background with the XYZ color 27.3414, 31.6807, 18.8613.



This preview shows how white text looks on a background with the XYZ color 27.3414, 31.6807,

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

27.3414, 31.6807, 18.8613

Protanopia

29.3468, 31.4964, 18.1683

Deuteranopia

32.1494, 31.5073, 19.1389



Tritanopia

31.3326, 31.5894, 38.6284

Trichromacy



Original Color

27.3414, 31.6807, 18.8613

Protanomaly

28.7066, 31.6463, 18.5053

Deuteranomaly

30.2442, 31.4629, 18.9469

Tritanomaly

29.6001, 31.6055, 30.1316

Monochromacy



Original Color

27.3414, 31.6807, 18.8613

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.9257, 30.5673, 26.9825

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3414, 31.6807, 18.8613 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(150, 157, 108)` looks like.

```
.text, #text, p{  
    color:rgb(150, 157, 108)  
}
```

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(150, 157, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 157, 108) }
```

Border

The CSS property to change the border of an element to XYZ 27.3414, 31.6807, 18.8613 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(150, 157, 108) }
```


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

```
.border{ border-color:rgb(150, 157, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 157, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 157, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 157, 108);  
box-shadow:4px 4px 4px 4px rgb(150, 157,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3414, 31.6807, 18.8613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 157, 108) }
```

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

```
.background{ background-color: rgb(150,  
157, 108) }
```

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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