

Converting Colors

XYZ(27.9862, 31.9511, 21.9797)

Have a look what the booklet for
XYZ(27.9862, 31.9511, 21.9797)
contains.

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Color

**XYZ(27.9047, 31.9060,
21.8273)**

Conversions

Conversions Part 1

Format	Color
Hex	969D76
RGB	150, 157, 118
RGB Percent	59%, 62%, 46%
CMY	0.4118, 0.3843, 0.5372
CMYK	0.04, 0.00, 0.25, 0.38
HSL	71°, 17%, 54%
HSV	71°, 25%, 62%
XYZ	27.9047, 31.9060, 21.8273
YIQ	150.4610, 8.3470, -13.6130

Conversions

Conversions Part 2

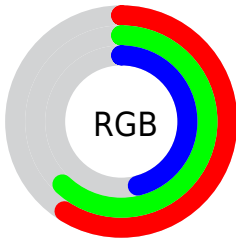
Format	Color
RYB	118, 157, 125
Decimal	9870710
CIELab	63.27, -9.35, 19.61
CIELCh	63, 21.725, 115.477
Yxy	31.9060, 0.3418, 0.3908
Android (android.graphics.Color)	4288060790 (0xFF969D76)
YUV	150.4610, -16.0033, -0.4043
Hunter-Lab	56.4854, -10.6676, 16.6287

Details

The XYZ color **27.9047, 31.9060, 21.8273** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.0229, 19.7520, 34.6046**, and the grayscale version is **29.2496, 30.7729, 33.5116**.

A 20% lighter version of the original color is **55.7010, 62.8266, 47.2212**, and **11.3738, 13.3904, 7.6154** is the 20% darker color. If you saturate the color by 10%, you get **26.5360, 31.3004, 17.2918**, and if you desaturate by 10%, it is **29.4428, 32.5830, 27.1827**.

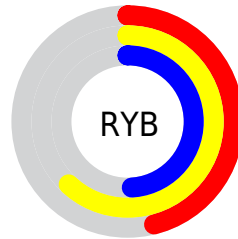
Distribution



Red (59%)

Green (62%)

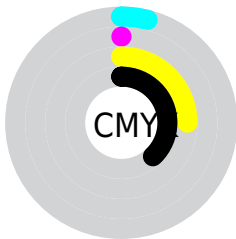
Blue (46%)



Red (46%)

Yellow (62%)

Blue (49%)

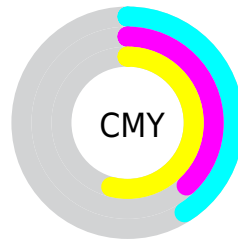


Cyan (4%)

Magenta (0%)

Yellow (25%)

Black (38%)



Cyan (41%)

Magenta (38%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9047, 31.9060, 21.8273 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 27.9047, 31.9060, 21.8273 by changing the saturation by 10% instead.

■ 27.9047, 31.9060,
21.8273

■ 27.9047, 31.9060,
21.8273

284.0996,
310.6908, 274.5671

■ 18.3939, 21.2897,
13.5330

■ 55.7420, 62.6637,
47.3589

■ 11.3346, 13.3359,
7.6615

■ 74.7992, 83.5739,
65.4333

■ 6.3613, 7.6603,
3.7945

■ 97.7692, 108.6842,
87.6047

■ 3.1087, 3.8783,
1.5133

125.0174,
138.3790, 114.2918

■ 1.2115, 1.6057,
0.2278

156.9093,
173.0426, 145.9130

■ 0.1154, 0.3615,
0.0000

193.8100,

■ 0.0000, 0.0000,

213.0596, 182.8869

0.0000

236.0850,
258.8142, 225.6321

■ 27.9047, 31.9060,
21.8273

■ 27.9047, 31.9060,
21.8273

■ 26.5360, 31.3004,
17.2918

■ 29.4428, 32.5830,
27.1827

■ 25.3266, 30.7589,
13.5337

■ 31.1552, 33.3300,
33.3938

■ 24.2688, 30.2794,
10.5099

■ 33.0494, 34.1513,
40.4963

■ 23.3534, 29.8583,
8.1720

■ 35.1319, 35.0493,
48.5238

■ 22.5700, 29.4913,
6.4660

■ 37.4087, 36.0266,
57.5077

■ 21.9068, 29.1739,
5.3298

■ 39.8856, 37.0854,
67.4783

■ 21.3488, 28.8999,
4.6856

■ 42.5683, 38.2280,
78.4643

■ 21.0823, 28.7677,
4.4416

■ 45.4620, 39.4565,
90.4933

■ 47.8708, 40.4925,
99.9005

Harmonies

Analogous

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



30.7842, 31.9060, 20.7031



27.9047, 31.9060, 21.8273



25.8048, 31.9060, 26.1712

Triad

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



27.9047, 31.9060, 21.8273



27.1639, 31.9060, 50.2563



36.4660, 31.9060, 36.0631

Complementary

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



27.9047, 31.9060, 21.8273



21.0229, 19.7520, 34.6046

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.



35.3460, 31.9060, 45.0010



27.9047, 31.9060, 21.8273



29.8718, 31.9060, 54.0120

Square

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



27.9047, 31.9060, 21.8273



25.3973, 31.9060, 42.3654



32.8828, 31.9060, 51.9460



35.8537, 31.9060, 28.0897

Rectangle

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



27.9047, 31.9060, 21.8273



25.0632, 31.9060, 30.7490



32.8828, 31.9060, 51.9460



36.2776, 31.9060, 39.0626

Sweetspot

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



27.9055, 31.9074, 21.8280



55.0613, 59.3692, 57.1123



24.4462, 23.0180, 20.2945



12.0795, 13.0479, 12.4339



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.



27.9055, 31.9074, 21.8280



48.5307, 56.5017, 34.2553



24.6882, 30.2488, 21.6774



7.0533, 7.6601, 7.0925



17.1499, 23.3778, 3.6085



0.3346, 0.4324, 0.0658

Inverse Universe

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



21.0229, 19.7520, 34.6046



33.9779, 30.7939, 61.2797



24.0669, 21.3213, 34.7470



6.3903, 6.4897, 8.3225



5.3597, 2.1920, 26.0479



0.1228, 0.0531, 0.4670

Previews

White Background



This preview shows how the XYZ color 27.9047, 31.9060, 21.8273 looks on a white background.

Color Contrast Check

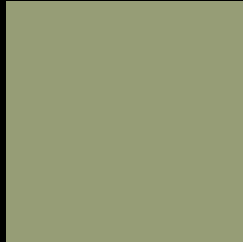
Large Text (above 18pt) WCAG AA × Fail

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 27.9047, 31.9060, 21.8273 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

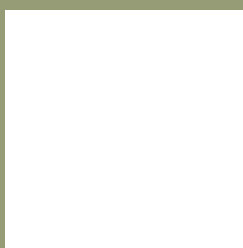
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.9047, 31.9060, 21.8273

Background



This preview shows how black text looks on a background with the XYZ color 27.9047, 31.9060, 21.8273.



This preview shows how white text looks on a background with the XYZ color 27.9047, 31.9060,

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

27.9047, 31.9060, 21.8273

Protanopia

29.8535, 31.9359, 21.1138

Deuteranopia

32.4143, 31.8072, 22.2003



Tritanopia

31.3878, 31.8455, 39.1428

Trichromacy



Original Color

27.9047, 31.9060, 21.8273

Protanomaly

29.0646, 31.7665, 21.4293

Deuteranomaly

30.5448, 31.7900, 21.9790

Tritanomaly

29.9841, 31.7591, 32.1535

Monochromacy



Original Color

27.9047, 31.9060, 21.8273

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.5564, 31.1015, 28.5429

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9047, 31.9060, 21.8273 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, 118)` looks like.

```
.text, #text, p{  
    color:rgb(150, 157, 118)  
}
```

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, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 157, 118) }
```

Border

The CSS property to change the border of an element to XYZ 27.9047, 31.9060, 21.8273 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, 118) }
```


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

```
.border{ border-color:rgb(150, 157, 118) }
```

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, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 157, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 157, 118);  
box-shadow:4px 4px 4px 4px rgb(150, 157,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9047, 31.9060, 21.8273 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, 118) }
```

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

```
.background{ background-color: rgb(150,  
157, 118) }
```

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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