

Converting Colors

XYZ(30.9237, 31.5629, 23.8924)

Have a look what the booklet for
XYZ(30.9237, 31.5629, 23.8924)
contains.

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Color

**XYZ(30.8113, 31.4106,
23.8410)**

Conversions

Conversions Part 1

Format	Color
Hex	A9957D
RGB	169, 149, 125
RGB Percent	66%, 58%, 49%
CMY	0.3373, 0.4157, 0.5098
CMYK	0.00, 0.12, 0.26, 0.34
HSL	33°, 20%, 58%
HSV	33°, 26%, 66%
XYZ	30.8113, 31.4106, 23.8410
YIQ	152.2440, 19.6240, -3.2240

Conversions

Conversions Part 2

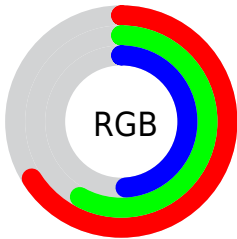
Format	Color
RYB	162, 169, 125
Decimal	11113853
CIELab	62.85, 3.59, 15.41
CIELCh	63, 15.820, 76.878
Yxy	31.4106, 0.3580, 0.3650
Android (android.graphics.Color)	4289303933 (0xFFA9957D)
YUV	152.2440, -13.4313, 14.6950
Hunter-Lab	56.0452, 0.0529, 14.0103

Details

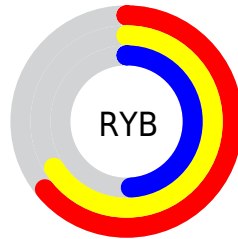
The XYZ color **30.8113, 31.4106, 23.8410** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.7441, 27.4746, 41.4825**, and the grayscale version is **30.0014, 31.5638, 34.3730**.

A 20% lighter version of the original color is **60.4432, 61.9338, 50.8882**, and **12.8746, 12.9702, 8.6624** is the 20% darker color. If you saturate the color by 10%, you get **28.6471, 28.6654, 18.2388**, and if you desaturate by 10%, it is **33.2410, 34.3925, 30.4388**.

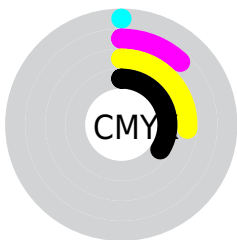
Distribution



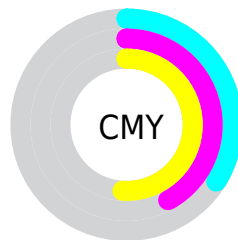
- Red (66%)
- Green (58%)
- Blue (49%)



- Red (64%)
- Yellow (66%)
- Blue (49%)



- Cyan (0%)
- Magenta (12%)
- Yellow (26%)
- Black (34%)





- Cyan (34%)
- Magenta (42%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.8113, 31.4106, 23.8410 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 30.8113, 31.4106, 23.8410 by changing the saturation by 10% instead.


 30.8113, 31.4106,
23.8410


 30.8113, 31.4106,
23.8410


297.5105,
308.4255, 285.2763


 20.6063, 20.9117,
15.0046


 60.3207, 61.8859,
50.7112

 12.9474, 13.0595,
8.6760


 80.3559, 82.6312,
69.5821

 7.4691, 7.4695,
4.4365

 104.3985,
107.5607, 92.6348

 3.8061, 3.7574,
1.8677

132.8139,
137.0588, 120.2881

 1.5930, 1.5388,
0.4721

165.9674,
171.5099, 152.9603

 0.3878, 0.3158,
0.0000

204.2244,

 0.0000, 0.0000,

211.2985, 191.0700

0.0000

247.9503,
256.8089, 235.0358

■ 30.8113, 31.4106,
23.8410

■ 30.8113, 31.4106,
23.8410

■ 28.6471, 28.6654,
18.2388

■ 33.2410, 34.3925,
30.4388

■ 26.7352, 26.1457,
13.5807

■ 35.9439, 37.6132,
38.0762

■ 25.0646, 23.8458,
9.8136

■ 38.9304, 41.0802,
46.7970

■ 23.6226, 21.7580,
6.8783

■ 42.2094, 44.7995,
56.6418

■ 22.3950, 19.8740,
4.7082

■ 45.7897, 48.7767,
67.6491

■ 21.3655, 18.1843,
3.2264

■ 49.6794, 53.0172,
79.8556

■ 20.5129, 16.6777,
2.3304

■ 53.8865, 57.5263,
93.2965

■ 20.2064, 16.1234,
2.0471

■ 57.5695, 61.9696,
103.5348

■ 59.5168, 65.8643,
104.1839

Harmonies

Analogous

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



32.7961, 31.4106, 26.2053



30.8113, 31.4106, 23.8410



28.6607, 31.4106, 24.0006

Triad

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



30.8113, 31.4106, 23.8410



26.0405, 31.4106, 37.7858



33.0023, 31.4106, 43.0284

Complementary

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



30.8113, 31.4106, 23.8410



25.7441, 27.4746, 41.4825

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.



31.0817, 31.4106, 46.9455



30.8113, 31.4106, 23.8410



27.0949, 31.4106, 43.6767

Square

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



30.8113, 31.4106, 23.8410



25.9760, 31.4106, 31.5613



28.9184, 31.4106, 47.1961



34.1017, 31.4106, 36.9835

Rectangle

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



30.8113, 31.4106, 23.8410



27.4222, 31.4106, 25.5117



28.9184, 31.4106, 47.1961



32.4272, 31.4106, 44.6679

Sweetspot

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



30.8121, 31.4120, 23.8417



63.3111, 66.1105, 65.1495



28.8481, 25.1635, 30.3411



13.6417, 14.2228, 13.7519



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



30.8121, 31.4120, 23.8417



52.9852, 53.4908, 36.9454



33.9391, 38.1304, 24.9736



7.8575, 8.1950, 7.9569



15.1137, 12.1248, 1.5437



0.4179, 0.3953, 0.0543

Inverse Universe

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



25.7441, 27.4746, 41.4825



42.4187, 45.2830, 73.7299



23.1686, 22.0034, 40.5622



7.4021, 7.8411, 9.5417



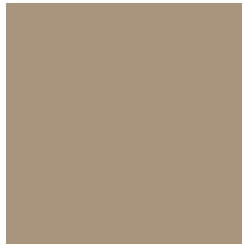
7.3573, 6.1749, 28.7796



0.2305, 0.2532, 0.7174

Previews

White Background



This preview shows how the XYZ color 30.8113, 31.4106, 23.8410 looks on a white background.

Color Contrast Check

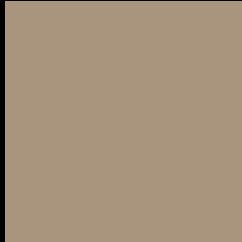
Large Text (above 18pt) WCAG AA × Fail

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 30.8113, 31.4106, 23.8410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

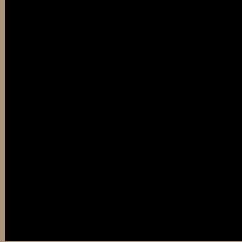
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.8113, 31.4106, 23.8410

Background



This preview shows how black text looks on a background with the XYZ color 30.8113, 31.4106, 23.8410.



This preview shows how white text looks on a background with the XYZ color 30.8113, 31.4106,

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

30.8113, 31.4106, 23.8410

Protanopia

29.6921, 31.5399, 24.2615

Deuteranopia

31.9493, 31.2942, 24.0951



Tritanopia

33.3597, 31.5353, 35.7812

Trichromacy



Original Color

30.8113, 31.4106, 23.8410

Protanomaly

30.1423, 31.5321, 24.2363

Deuteranomaly

31.4332, 31.2580, 24.1154

Tritanomaly

32.4030, 31.3728, 31.1358

Monochromacy



Original Color

30.8113, 31.4106, 23.8410

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.0496, 31.3553, 30.0596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8113, 31.4106, 23.8410 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(169, 149, 125)` looks like.

```
.text, #text, p{  
    color:rgb(169, 149, 125)  
}
```

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(169, 149, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 149, 125) }
```

Border

The CSS property to change the border of an element to XYZ 30.8113, 31.4106, 23.8410 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(169, 149, 125) }
```


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

```
.border{ border-color:rgb(169, 149, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 149, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 149, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 149, 125);  
box-shadow:4px 4px 4px 4px rgb(169, 149,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8113, 31.4106, 23.8410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 149, 125) }
```

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

```
.background{ background-color: rgb(169,  
149, 125) }
```

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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