

Converting Colors

XYZ(31.8063, 31.4711, 28.0219)

Have a look what the booklet for
XYZ(31.8063, 31.4711, 28.0219)
contains.

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Color

**XYZ(31.7437, 31.3315,
28.0414)**

Conversions

Conversions Part 1

Format	Color
Hex	AB9389
RGB	171, 147, 137
RGB Percent	67%, 58%, 54%
CMY	0.3294, 0.4235, 0.4627
CMYK	0.00, 0.14, 0.20, 0.33
HSL	18°, 17%, 60%
HSV	18°, 20%, 67%
XYZ	31.7437, 31.3315, 28.0414
YIQ	153.0360, 17.5140, 1.9780

Conversions

Conversions Part 2

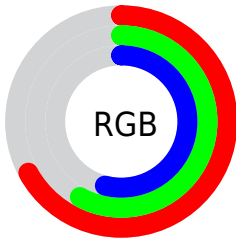
Format	Color
RYB	171, 151, 137
Decimal	11244425
CIELab	62.79, 7.31, 8.59
CIELCh	63, 11.280, 49.623
Yxy	31.3315, 0.3484, 0.3439
Android (android.graphics.Color)	4289434505 (0xFFAB9389)
YUV	153.0360, -7.9057, 15.7544
Hunter-Lab	55.9745, 3.2736, 9.4799

Details

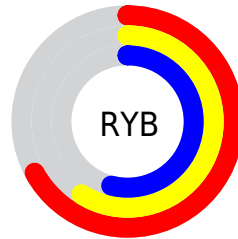
The XYZ color **31.7437, 31.3315, 28.0414** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.4119, 33.7477, 43.4395**, and the grayscale version is **30.3226, 31.9017, 34.7410**.

A 20% lighter version of the original color is **61.8595, 61.8219, 57.3877**, and **13.3744, 12.9054, 10.8029** is the 20% darker color. If you saturate the color by 10%, you get **28.8338, 27.3215, 21.4917**, and if you desaturate by 10%, it is **35.0466, 35.8159, 35.6820**.

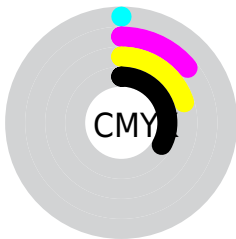
Distribution



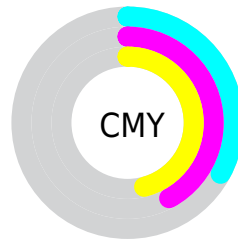
- Red (67%)
- Green (58%)
- Blue (54%)



- Red (67%)
- Yellow (59%)
- Blue (54%)



- Cyan (0%)
- Magenta (14%)
- Yellow (20%)
- Black (33%)



- Cyan (33%)
- Magenta (42%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.7437, 31.3315, 28.0414 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 31.7437, 31.3315, 28.0414 by changing the saturation by 10% instead.


 31.7437, 31.3315,
28.0414


 31.7437, 31.3315,
28.0414


301.7161,
308.0626, 306.5828

 21.3204, 20.8514,
18.1176


 61.7770, 61.7616,
57.5744

 13.4722, 13.0154,
10.8641


 82.1177, 82.4804,
78.0207

 7.8337, 7.4392,
5.8625


 106.4949,
107.3809, 102.8115

 4.0397, 3.7382,
2.6942

135.2740,
136.8475, 132.3654

 1.7246, 1.5282,
0.9405

168.8203,
171.2646, 167.1010

 0.4716, 0.3085,
0.0000

207.4992,

 0.0000, 0.0000,

211.0165, 207.4367

0.0000

251.6760,
256.4877, 253.7911

■ 31.7437, 31.3315,
28.0414

■ 31.7437, 31.3315,
28.0414

■ 28.8338, 27.3215,
21.4917

■ 35.0466, 35.8159,
35.6820

■ 26.2993, 23.7660,
15.9808

■ 38.7544, 40.7856,
44.4585

■ 24.1247, 20.6497,
11.4553

■ 42.8815, 46.2561,
54.4156

■ 22.2927, 17.9550,
7.8562

■ 47.4407, 52.2412,
65.5951

■ 20.7840, 15.6628,
5.1179

■ 52.4445, 58.7540,
78.0367

■ 19.5776, 13.7525,
3.1665

■ 57.9046, 65.8072,
91.7782

■ 18.6494, 12.2016,
1.9149

■ 63.5573, 73.3031,
105.4068

■ 17.9559, 10.9785,
1.1784

■ 67.0621, 80.3128,
106.5751

■ 17.9487, 10.9658,
1.1706

■ 70.6047, 87.3980,
107.7560

Harmonies

Analogous

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



32.6632, 31.3315, 31.3395



31.7437, 31.3315, 28.0414



30.3174, 31.3315, 26.4193

Triad

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



31.7437, 31.3315, 28.0414



26.9550, 31.3315, 32.6066



30.7874, 31.3315, 42.7622

Complementary

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



31.7437, 31.3315, 28.0414



30.4119, 33.7477, 43.4395

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.



29.2483, 31.3315, 43.1757



31.7437, 31.3315, 28.0414



27.0711, 31.3315, 37.0490

Square

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



31.7437, 31.3315, 28.0414



27.5758, 31.3315, 28.9000



27.8983, 31.3315, 41.0071



32.0979, 31.3315, 39.9217

Rectangle

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



31.7437, 31.3315, 28.0414



29.2864, 31.3315, 26.4029



27.8983, 31.3315, 41.0071



30.2784, 31.3315, 43.1984

Sweetspot

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



31.7445, 31.3329, 28.0421



65.1873, 67.4015, 69.5968



32.2060, 29.1358, 37.8147



14.4459, 14.9084, 15.3053



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



31.7445, 31.3329, 28.0421



54.3996, 52.7494, 44.6570



34.5203, 36.8843, 28.9673



8.1901, 8.3851, 8.4002



13.5712, 8.3479, 0.8960



0.4255, 0.3281, 0.0409

Inverse Universe

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



30.4119, 33.7477, 43.4395



51.5584, 57.8891, 77.4582



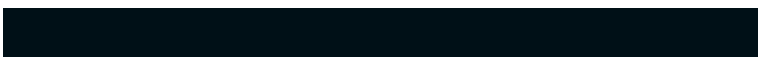
27.6965, 28.3168, 42.5344



8.0343, 8.6680, 10.2023



10.7146, 12.5630, 30.9047



0.3424, 0.4381, 0.8745

Previews

White Background



This preview shows how the XYZ color 31.7437, 31.3315, 28.0414 looks on a white background.

Color Contrast Check

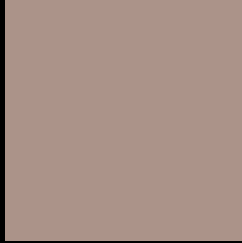
Large Text (above 18pt) WCAG AA × Fail

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 31.7437, 31.3315, 28.0414 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 31.7437, 31.3315, 28.0414

Background



This preview shows how black text looks on a background with the XYZ color 31.7437, 31.3315, 28.0414.



This preview shows how white text looks on a background with the XYZ color 31.7437, 31.3315,

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

31.7437, 31.3315, 28.0414

Protanopia

29.8274, 31.2664, 28.8890

Deuteranopia

31.9623, 31.4442, 28.0517



Tritanopia

33.1232, 31.1973, 35.2862

Trichromacy



Original Color

31.7437, 31.3315, 28.0414

Protanomaly

30.5980, 31.4342, 28.4995

Deuteranomaly

31.9623, 31.4442, 28.0517

Tritanomaly

32.4840, 31.1596, 32.3193

Monochromacy



Original Color

31.7437, 31.3315, 28.0414

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.8303, 31.7134, 32.1001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.7437, 31.3315, 28.0414 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(171, 147, 137)` looks like.

```
.text, #text, p{  
    color:rgb(171, 147, 137)  
}
```

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(171, 147, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 147, 137) }
```

Border

The CSS property to change the border of an element to XYZ 31.7437, 31.3315, 28.0414 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(171, 147, 137) }
```


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

```
.border{ border-color:rgb(171, 147, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 147, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 147, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 147, 137);  
box-shadow:4px 4px 4px 4px rgb(171, 147,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 31.7437, 31.3315, 28.0414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 147, 137) }
```

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

```
.background{ background-color: rgb(171,  
147, 137) }
```

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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