

Converting Colors

XYZ(32.7624, 31.6534, 28.0502)

Have a look what the booklet for
XYZ(32.7624, 31.6534, 28.0502)
contains.

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Color

**XYZ(32.6987, 31.5940,
28.0418)**

Conversions

Conversions Part 1

Format	Color
Hex	B09289
RGB	176, 146, 137
RGB Percent	69%, 57%, 54%
CMY	0.3098, 0.4274, 0.4627
CMYK	0.00, 0.17, 0.22, 0.31
HSL	14°, 20%, 61%
HSV	14°, 22%, 69%
XYZ	32.6987, 31.5940, 28.0418
YIQ	153.9440, 20.7690, 3.5610

Conversions

Conversions Part 2

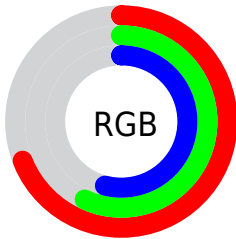
Format	Color
RYB	176, 149, 137
Decimal	11571849
CIELab	63.01, 9.81, 8.97
CIELCh	63, 13.290, 42.452
Yxy	31.5940, 0.3541, 0.3422
Android (android.graphics.Color)	4289761929 (0xFFB09289)
YUV	153.9440, -8.3534, 19.3431
Hunter-Lab	56.2085, 5.4755, 9.7669

Details

The XYZ color **32.6987, 31.5940, 28.0418** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.9714, 36.0894, 46.3553**, and the grayscale version is **30.7204, 32.3202, 35.1967**.

A 20% lighter version of the original color is **63.2273, 62.1821, 57.3851**, and **13.9809, 13.0835, 10.8053** is the 20% darker color. If you saturate the color by 10%, you get **29.5733, 27.2013, 21.2711**, and if you desaturate by 10%, it is **36.2789, 36.5662, 35.9809**.

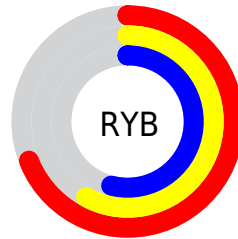
Distribution



Red (69%)

Green (57%)

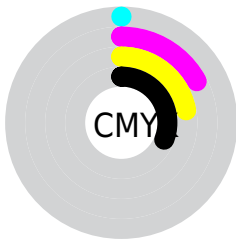
Blue (54%)



Red (69%)

Yellow (58%)

Blue (54%)

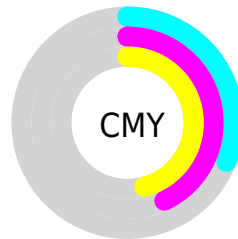


Cyan (0%)

Magenta (17%)

Yellow (22%)

Black (31%)



Cyan (31%)


Magenta (43%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.6987, 31.5940, 28.0418 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 32.6987, 31.5940, 28.0418 by changing the saturation by 10% instead.


 32.6987, 31.5940,
28.0418


 32.6987, 31.5940,
28.0418

305.9789,
309.2656, 306.5848


 22.0539, 21.0516,
18.1179

 63.2627, 62.1741,
57.5751

 14.0133, 13.1617,
10.8643


 83.9125, 82.9805,
78.0215

 8.2117, 7.5400,
5.8626

 108.6281,
107.9771, 102.8125

 4.2836, 3.8020,
2.6943

137.7747,
137.5482, 132.3666

 1.8638, 1.5635,
0.9406

171.7177,
172.0782, 167.1023

 0.5557, 0.3328,
0.0000

210.8225,

 0.0000, 0.0000,

211.9515, 207.4382

0.0000

255.4545,
257.5525, 253.7929

■ 32.6987, 31.5940,
28.0418

■ 32.6987, 31.5940,
28.0418

■ 29.5733, 27.2013,
21.2711

■ 36.2789, 36.5662,
35.9809

■ 26.8815, 23.3626,
15.6114

■ 40.3289, 42.1336,
45.1382

■ 24.6044, 20.0569,
11.0035

■ 44.8659, 48.3168,
55.5628

■ 22.7205, 17.2601,
7.3817

■ 49.9057, 55.1338,
67.3006

■ 21.2061, 14.9462,
4.6731

■ 55.4633, 62.6024,
80.3954

■ 20.0350, 13.0869,
2.7943

■ 61.5530, 70.7390,
94.8885

■ 19.1771, 11.6505,
1.6465

■ 67.3397, 79.2205,
106.3496

■ 18.6848, 10.7906,
1.0980

■ 71.4916, 87.5242,
107.7336

■ 71.7145, 87.9701,
107.8079

Harmonies

Analogous

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



33.5948, 31.5940, 32.2747



32.6987, 31.5940, 28.0418



31.1017, 31.5940, 25.6653

Triad

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



32.6987, 31.5940, 28.0418



26.8001, 31.5940, 31.4531



30.7937, 31.5940, 45.1993

Complementary

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



32.6987, 31.5940, 28.0418



31.9714, 36.0894, 46.3553

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.



28.9816, 31.5940, 44.9219



32.6987, 31.5940, 28.0418



26.7252, 31.5940, 36.6177

Square

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



32.6987, 31.5940, 28.0418



27.7180, 31.5940, 27.4931



27.5090, 31.5940, 41.6544



32.4653, 31.5940, 42.3776

Rectangle

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



32.6987, 31.5940, 28.0418



29.8790, 31.5940, 25.2893



27.5090, 31.5940, 41.6544



30.1798, 31.5940, 45.4729

Sweetspot

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



32.6996, 31.5954, 28.0425



69.3883, 71.2664, 73.3393



33.8764, 29.9322, 40.8186



14.9465, 15.3193, 15.6879



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



32.6996, 31.5954, 28.0425



56.1927, 52.9407, 44.0760



35.8662, 37.9287, 29.0980



8.6503, 8.8131, 8.8977



13.7474, 7.9934, 0.8183



0.4772, 0.3409, 0.0406

Inverse Universe

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



31.9714, 36.0894, 46.3553



54.6125, 62.6592, 83.7114



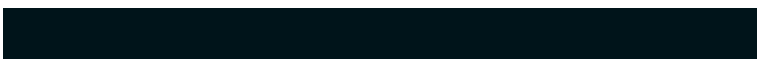
28.7511, 29.6489, 45.2819



8.5730, 9.2923, 10.8481



12.1905, 15.1813, 32.4248



0.4243, 0.5591, 1.0338

Previews

White Background



This preview shows how the XYZ color 32.6987, 31.5940, 28.0418 looks on a white background.

Color Contrast Check

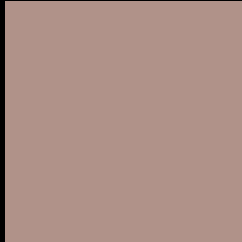
Large Text (above 18pt) WCAG AA × Fail

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 32.6987, 31.5940, 28.0418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

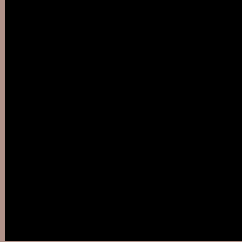
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.6987, 31.5940, 28.0418

Background



This preview shows how black text looks on a background with the XYZ color 32.6987, 31.5940, 28.0418.



This preview shows how white text looks on a background with the XYZ color 32.6987, 31.5940,

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

32.6987, 31.5940, 28.0418

Protanopia

30.0624, 31.6190, 29.3296

Deuteranopia

32.1827, 31.5578, 28.0620



Tritanopia

34.0990, 31.4765, 35.2887

Trichromacy



Original Color

32.6987, 31.5940, 28.0418

Protanomaly

31.0836, 31.6761, 28.9019

Deuteranomaly

32.4046, 31.6723, 28.0724

Tritanomaly

33.4500, 31.4317, 32.3209

Monochromacy



Original Color

32.6987, 31.5940, 28.0418

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.3122, 31.9527, 32.5341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6987, 31.5940, 28.0418 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(176, 146, 137)` looks like.

```
.text, #text, p{  
    color:rgb(176, 146, 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(176, 146, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 146, 137) }
```

Border

The CSS property to change the border of an element to XYZ 32.6987, 31.5940, 28.0418 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(176, 146, 137) }
```


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

```
.border{ border-color:rgb(176, 146, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 146, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 146, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 146, 137);  
box-shadow:4px 4px 4px 4px rgb(176, 146,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6987, 31.5940, 28.0418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 146, 137) }
```

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

```
.background{ background-color: rgb(176,  
146, 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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