

Converting Colors

XYZ(37.0409, 31.1994, 28.6734)

Have a look what the booklet for
XYZ(37.0409, 31.1994, 28.6734)
contains.

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Color

**XYZ(37.0047, 31.1936,
28.4967)**

Conversions

Conversions Part 1

Format	Color
Hex	C8868B
RGB	200, 134, 139
RGB Percent	78%, 53%, 55%
CMY	0.2157, 0.4745, 0.4549
CMYK	0.00, 0.33, 0.30, 0.22
HSL	355°, 37%, 65%
HSV	355°, 33%, 78%
XYZ	37.0047, 31.1936, 28.4967
YIQ	154.3040, 37.7310, 15.5470

Conversions

Conversions Part 2

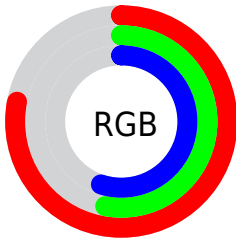
Format	Color
R _Y B	200, 134, 139
Decimal	13141643
CIE Lab	62.67, 26.00, 7.71
CIE LCh	63, 27.119, 16.514
Yxy	31.1936, 0.3827, 0.3226
Android (android.graphics.Color)	4291331723 (0xFFC8868B)
YUV	154.3040, -7.5449, 40.0754
Hunter-Lab	55.8512, 20.5270, 8.8446

Details

The XYZ color **37.0047, 31.1936, 28.4967** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.3375, 50.3177, 59.2186**, and the grayscale version is **30.8699, 32.4776, 35.3681**.

A 20% lighter version of the original color is **68.7376, 61.0322, 58.0267**, and **16.3980, 12.8371, 11.0647** is the 20% darker color. If you saturate the color by 10%, you get **33.2589, 25.6838, 21.1381**, and if you desaturate by 10%, it is **41.5034, 37.8433, 37.2337**.

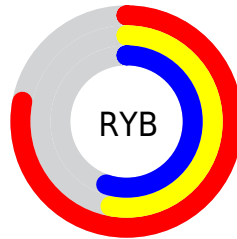
Distribution



Red (78%)

Green (53%)

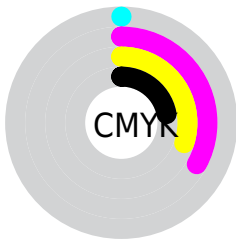
Blue (55%)



Red (78%)

Yellow (53%)

Blue (55%)

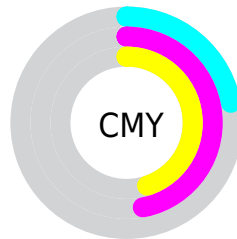


Cyan (0%)

Magenta (33%)

Yellow (30%)

Black (22%)



Cyan (22%)

Magenta (47%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.0047, 31.1936, 28.4967 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 37.0047, 31.1936, 28.4967 by changing the saturation by 10% instead.


 37.0047, 31.1936,
28.4967


 37.0047, 31.1936,
28.4967


324.6860,
307.4292, 308.8191

 25.3848, 20.7463,
18.4581


 69.8938, 61.5447,
58.3091

 16.4942, 12.9387,
11.1066


 91.8937, 82.2174,
78.9200

 9.9676, 7.3863,
6.0235


 118.0844,
107.0673, 103.8920

 5.4396, 3.7049,
2.7903

148.8311,
136.4788, 133.6438

 2.5448, 1.5099,
0.9886

184.4993,
170.8364, 168.5939

 0.9179, 0.2957,
0.0000

225.4543,

 0.0000, 0.0000,

210.5244, 209.1608

0.0000

272.0614,
255.9272, 255.7630

■ 37.0047, 31.1936,
28.4967

■ 37.0047, 31.1936,
28.4967

■ 33.2589, 25.6838,
21.1381

■ 41.5034, 37.8433,
37.2337

■ 30.2223, 21.2456,
15.0858

■ 46.7903, 45.6870,
47.4126

■ 27.8510, 17.8106,
10.2638

■ 52.9016, 54.7809,
59.0952

■ 26.0947, 15.3005,
6.5876

■ 59.8706, 65.1764,
72.3390

■ 24.8961, 13.6255,
3.9620

■ 67.7285, 76.9219,
87.1986

■ 24.1872, 12.6778,
2.2762

■ 76.5052, 90.0632,
103.7259

■ 23.9067, 12.3143,
1.5741

■ 77.6295, 91.0194,
108.0847

Harmonies

Analogous

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



37.1176, 31.1936, 38.9404



37.0047, 31.1936, 28.4967



34.8181, 31.1936, 21.2243

Triad

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



37.0047, 31.1936, 28.4967



24.7813, 31.1936, 21.7855



28.0205, 31.1936, 57.8758

Complementary

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



37.0047, 31.1936, 28.4967



40.3375, 50.3177, 59.2186

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.



25.0179, 31.1936, 50.9929



37.0047, 31.1936, 28.4967



23.2554, 31.1936, 29.4317

Square

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



37.0047, 31.1936, 28.4967



27.6723, 31.1936, 17.9377



23.3383, 31.1936, 40.0905



31.7168, 31.1936, 57.4792

Rectangle

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



37.0047, 31.1936, 28.4967



32.5747, 31.1936, 18.4970



23.3383, 31.1936, 40.0905



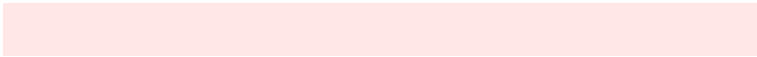
26.9032, 31.1936, 56.2843

Sweetspot

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



37.0055, 31.1951, 28.4973



83.8825, 83.3696, 87.5913



41.3280, 32.7574, 58.7883



17.6442, 17.3834, 18.1541



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



37.0055, 31.1951, 28.4973



59.0397, 46.6059, 39.4737



40.9559, 39.6667, 28.0539



10.6659, 10.6497, 11.2240



15.2138, 7.8351, 1.0698



0.7319, 0.3756, 0.1115

Inverse Universe

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



37.0055, 31.1951, 28.4973



59.0397, 46.6059, 39.4737



35.1060, 38.9355, 60.3087



10.6659, 10.6497, 11.2240



15.2138, 7.8351, 1.0698



0.7319, 0.3756, 0.1115

Previews

White Background



This preview shows how the XYZ color 37.0047, 31.1936, 28.4967 looks on a white background.

Color Contrast Check

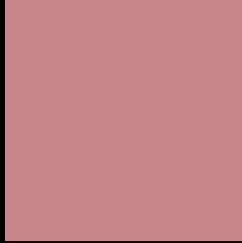
Large Text (above 18pt) WCAG AA × Fail

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 37.0047, 31.1936, 28.4967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

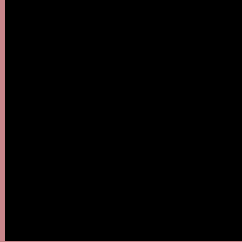
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.0047, 31.1936, 28.4967

Background



This preview shows how black text looks on a background with the XYZ color 37.0047, 31.1936, 28.4967.



This preview shows how white text looks on a background with the XYZ color 37.0047, 31.1936,

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

37.0047, 31.1936, 28.4967

Protanopia

29.9295, 31.2399, 32.4694

Deuteranopia

31.8075, 31.1346, 28.0000



Tritanopia

37.1649, 31.0376, 30.0187

Trichromacy



Original Color

37.0047, 31.1936, 28.4967

Protanomaly

32.0308, 30.9531, 31.0744

Deuteranomaly

33.5519, 31.1261, 28.2843

Tritanomaly

37.0894, 31.0074, 29.6214

Monochromacy



Original Color

37.0047, 31.1936, 28.4967

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

32.6531, 31.6953, 32.8306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0047, 31.1936, 28.4967 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(200, 134, 139)` looks like.

```
.text, #text, p{  
    color:rgb(200, 134, 139)  
}
```

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(200, 134, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 134, 139) }
```

Border

The CSS property to change the border of an element to XYZ 37.0047, 31.1936, 28.4967 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(200, 134, 139) }
```


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

```
.border{ border-color:rgb(200, 134, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 134, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 134, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 134, 139);  
box-shadow:4px 4px 4px 4px rgb(200, 134,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0047, 31.1936, 28.4967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 134, 139) }
```

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

```
.background{ background-color: rgb(200,  
134, 139) }
```

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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