

Converting Colors

XYZ(37.0831, 31.1323, 28.8607)

Have a look what the booklet for
XYZ(37.0831, 31.1323, 28.8607)
contains.

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Color

**XYZ(37.0781, 31.2230,
28.8834)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C8868C |
| RGB | 200, 134, 140 |
| RGB Percent | 78%, 53%, 55% |
| CMY | 0.2157, 0.4745, 0.4510 |
| CMYK | 0.00, 0.33, 0.30, 0.22 |
| HSL | 355°, 37%, 65% |
| HSV | 355°, 33%, 78% |
| XYZ | 37.0781, 31.2230, 28.8834 |
| YIQ | 154.4180, 37.4100, 15.8580 |

Conversions

Conversions Part 2

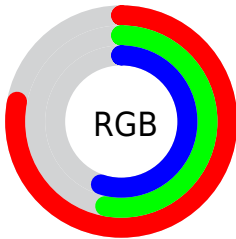
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 200, 134, 140 |
| Decimal | 13141644 |
| CIE Lab | 62.70, 26.13, 7.17 |
| CIE LCh | 63, 27.102, 15.352 |
| Yxy | 31.2230, 0.3815, 0.3213 |
| Android (android.graphics.Color) | 4291331724 (0xFFC8868C) |
| YUV | 154.4180, -7.1081, 39.9754 |
| Hunter-Lab | 55.8775, 20.6597, 8.4670 |

Details

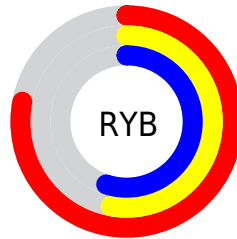
The XYZ color **37.0781, 31.2230, 28.8834** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.2247, 50.2725, 58.6249**, and the grayscale version is **30.9184, 32.5285, 35.4236**.

A 20% lighter version of the original color is **68.8489, 61.0767, 58.6123**, and **16.4403, 12.8540, 11.2874** is the 20% darker color. If you saturate the color by 10%, you get **33.3389, 25.7158, 21.5598**, and if you desaturate by 10%, it is **41.5633, 37.8673, 37.5494**.

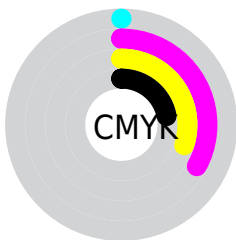
Distribution



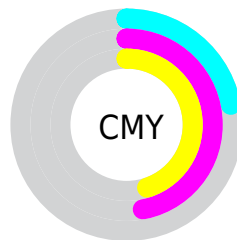
- Red (78%)
- Green (53%)
- Blue (55%)



- 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 37.0781, 31.2230, 28.8834 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 37.0781, 31.2230, 28.8834 by changing the saturation by 10% instead.


 37.0781, 31.2230,
28.8834


 37.0781, 31.2230,
28.8834


324.9982,
307.5644, 310.7081


 25.4419, 20.7687,
18.7478


 70.0059, 61.5910,
58.9318

 16.5371, 12.9550,
11.3132


 92.0283, 82.2735,
79.6816

 9.9983, 7.3976,
6.1611


 118.2434,
107.1342, 104.8066

 5.4601, 3.7120,
2.8729

149.0167,
136.5575, 134.7253

 2.5571, 1.5138,
1.0301

184.7135,
170.9277, 169.8563

 0.9242, 0.2984,
0.0000

225.6991,

 0.0000, 0.0000,

210.6294, 210.6181

0.0000

272.3389,
256.0468, 257.4292

■ 37.0781, 31.2230,
28.8834

■ 37.0781, 31.2230,
28.8834

■ 33.3389, 25.7158,
21.5598

■ 41.5633, 37.8673,
37.5494

■ 30.3028, 21.2778,
15.5097

■ 46.8293, 45.7026,
47.6182

■ 27.9263, 17.8407,
10.6606

■ 52.9119, 54.7851,
59.1492

■ 26.1600, 15.3267,
6.9322

■ 59.8437, 65.1657,
72.1973

■ 24.9478, 13.6462,
4.2344

■ 67.6556, 76.8928,
86.8149

■ 24.2226, 12.6920,
2.4628

■ 76.3772, 90.0120,
103.0518

■ 23.9300, 12.3236,
1.6971

■ 77.6294, 91.0194,
108.0847

Harmonies

Analogous

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



37.1043, 31.2230, 39.4129



37.0781, 31.2230, 28.8834



34.9614, 31.2230, 21.4653

Triad

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



37.0781, 31.2230, 28.8834



24.8981, 31.2230, 21.5957



27.9138, 31.2230, 57.7607

Complementary

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



37.0781, 31.2230, 28.8834



40.2247, 50.2725, 58.6249

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.



24.9531, 31.2230, 50.6470



37.0781, 31.2230, 28.8834



23.3127, 31.2230, 29.1006

Square

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



37.0781, 31.2230, 28.8834



27.8329, 31.2230, 17.8925



23.3320, 31.2230, 39.6801



31.5998, 31.2230, 57.6686

Rectangle

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



37.0781, 31.2230, 28.8834



32.7431, 31.2230, 18.6388



23.3320, 31.2230, 39.6801



26.8077, 31.2230, 56.0772

Sweetspot

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



37.0789, 31.2245, 28.8840



83.9373, 83.3915, 87.8797



41.0457, 32.6119, 58.7750



17.6573, 17.3886, 18.2232



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.



37.0789, 31.2245, 28.8840



59.1766, 46.6606, 40.1944



40.7637, 39.2824, 27.9900



10.6723, 10.6523, 11.2579



15.2302, 7.8417, 1.1564



0.7349, 0.3768, 0.1271

Inverse Universe

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



37.0789, 31.2245, 28.8840



59.1766, 46.6606, 40.1944



35.3170, 39.3575, 60.3789



10.6723, 10.6523, 11.2579



15.2302, 7.8417, 1.1564



0.7349, 0.3768, 0.1271

Previews

White Background



This preview shows how the XYZ color 37.0781, 31.2230, 28.8834 looks on a white background.

Color Contrast Check

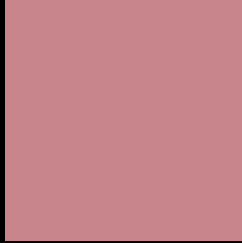
Large Text (above 18pt) WCAG AA × Fail

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 37.0781, 31.2230, 28.8834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

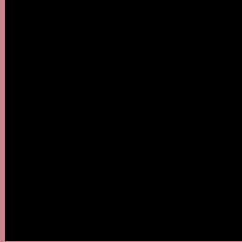
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.0781, 31.2230, 28.8834

Background



This preview shows how black text looks on a background with the XYZ color 37.0781, 31.2230, 28.8834.



This preview shows how white text looks on a background with the XYZ color 37.0781, 31.2230,

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

37.0781, 31.2230, 28.8834

Protanopia

30.0090, 31.2717, 32.8882

Deuteranopia

32.0344, 31.4731, 28.4313



Tritanopia

37.2410, 31.0680, 30.4195

Trichromacy



Original Color

37.0781, 31.2230, 28.8834

Protanomaly

32.1083, 30.9840, 31.4824

Deuteranomaly

33.6246, 31.1552, 28.6674

Tritanomaly

37.1649, 31.0376, 30.0187

Monochromacy



Original Color

37.0781, 31.2230, 28.8834

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 37.0781, 31.2230, 28.8834 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, 140)` looks like.

```
.text, #text, p{  
    color:rgb(200, 134, 140)  
}
```

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, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 134, 140) }
```

Border

The CSS property to change the border of an element to XYZ 37.0781, 31.2230, 28.8834 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, 140) }
```


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

```
.border{ border-color:rgb(200, 134, 140) }
```

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, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 134, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 134, 140);  
box-shadow:4px 4px 4px 4px rgb(200, 134,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0781, 31.2230, 28.8834 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, 140) }
```

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

```
.background{ background-color: rgb(200,  
134, 140) }
```

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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