

Converting Colors

XYZ(37.8242, 30.5351, 31.9173)

Have a look what the booklet for
XYZ(37.8242, 30.5351, 31.9173)
contains.

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Color

**XYZ(37.8242, 30.5351,
31.9173)**

Conversions

Conversions Part 1

Format	Color
Hex	CB8194
RGB	203, 129, 148
RGB Percent	80%, 51%, 58%
CMY	0.2039, 0.4941, 0.4196
CMYK	0.00, 0.36, 0.27, 0.20
HSL	345°, 42%, 65%
HSV	345°, 36%, 80%
XYZ	37.8242, 30.5351, 31.9173
YIQ	153.2920, 38.0050, 21.5970

Conversions

Conversions Part 2

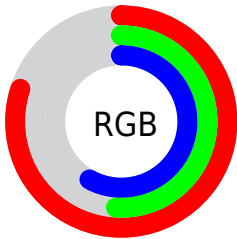
Format	Color
R_{YB}	203, 129, 148
Decimal	13336980
CIE _{Lab}	62.11, 31.08, 1.82
CIE _{LCh}	62, 31.132, 3.353
Yxy	30.5351, 0.3772, 0.3045
Android (android.graphics.Color)	4291527060 (0xFFCB8194)
YUV	153.2920, -2.6090, 43.5939
Hunter-Lab	55.2586, 25.4798, 4.4352

Details

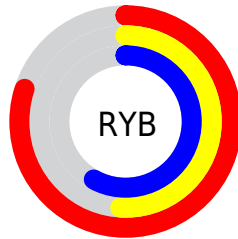
The XYZ color **37.8242, 30.5351, 31.9173** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.0623, 50.8406, 53.1044**, and the grayscale version is **30.4056, 31.9890, 34.8361**.

A 20% lighter version of the original color is **68.8342, 59.3912, 63.7128**, and **16.9147, 12.5149, 12.8334** is the 20% darker color. If you saturate the color by 10%, you get **34.2936, 25.2620, 25.2271**, and if you desaturate by 10%, it is **42.0434, 36.9357, 39.6058**.

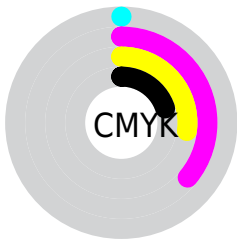
Distribution



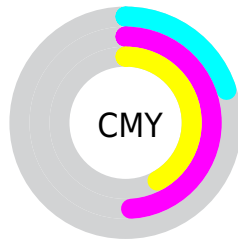
- Red (80%)
- Green (51%)
- Blue (58%)



- Red (80%)
- Yellow (51%)
- Blue (58%)



- Cyan (0%)
- Magenta (36%)
- Yellow (27%)
- Black (20%)





- Cyan (20%)
- Magenta (49%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.8242, 30.5351, 31.9173 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 37.8242, 30.5351, 31.9173 by changing the saturation by 10% instead.


 37.8242, 30.5351,
31.9173


 37.8242, 30.5351,
31.9173


328.1591,
304.3908, 325.2235

 26.0229, 20.2451,
21.0340


 71.1442, 60.5074,
63.7778

 16.9735, 12.5733,
12.9574


 93.3937, 80.9585,
85.5922

 10.3108, 7.1354,
7.2688


 119.8565,
105.5653, 111.8873

 5.6694, 3.5469,
3.5498

150.8981,
134.7124, 143.0817

 2.6838, 1.4235,
1.3818

186.8838,
168.7841, 179.5940

 0.9889, 0.2339,
0.1274

228.1789,

 0.0000, 0.0000,

208.1648, 221.8427

0.0000

275.1490,
253.2389, 270.2464

■ 37.8242, 30.5351,
31.9173

■ 37.8242, 30.5351,
31.9173

■ 34.2936, 25.2620,
25.2271

■ 42.0434, 36.9357,
39.6058

■ 31.4114, 21.0465,
19.4914

■ 46.9834, 44.5197,
48.3303

■ 29.1371, 17.8175,
14.6657


■ 52.6771, 53.3446,
58.1285


■ 27.4246, 15.4933,
10.7009


■ 59.1550, 63.4628,
69.0359


■ 26.2203, 13.9790,
7.5429

■ 66.4457, 74.9236,
81.0862

 25.4572, 13.1531,
5.1296

 74.5762, 87.7738,
94.3116

 25.2512, 12.9456,
4.4301

 78.2176, 91.3481,
106.9581

 78.4388, 91.4366,
108.1226

Harmonies

Analogous

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



36.8292, 30.5351, 44.6974



37.8242, 30.5351, 31.9173



36.2801, 30.5351, 22.1141

Triad

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



37.8242, 30.5351, 31.9173



24.8177, 30.5351, 17.4678



25.5597, 30.5351, 58.4058

Complementary

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



37.8242, 30.5351, 31.9173



39.0623, 50.8406, 53.1044

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.



22.8040, 30.5351, 47.6030



37.8242, 30.5351, 31.9173



22.4055, 30.5351, 23.9418

Square

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



37.8242, 30.5351, 31.9173



28.5544, 30.5351, 15.1335



21.7049, 30.5351, 34.6142



29.4961, 30.5351, 61.9844

Rectangle

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



37.8242, 30.5351, 31.9173



34.0981, 30.5351, 17.9676



21.7049, 30.5351, 34.6142



24.4777, 30.5351, 55.3892

Sweetspot

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



37.8250, 30.5366, 31.9179



83.5684, 82.1200, 89.4019



38.2228, 30.1139, 60.2983



17.6082, 17.1450, 18.6553



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.



37.8250, 30.5366, 31.9179



58.4408, 43.8083, 44.2061



38.9122, 34.9230, 25.4605



11.3285, 11.2602, 12.2648



16.1014, 8.2511, 2.9865



0.8624, 0.4384, 0.3211

Inverse Universe

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



37.8250, 30.5366, 31.9179



58.4408, 43.8083, 44.2061



37.3367, 43.9856, 63.0225



11.3285, 11.2602, 12.2648



16.1014, 8.2511, 2.9865



0.8624, 0.4384, 0.3211

Previews

White Background



This preview shows how the XYZ color 37.8242, 30.5351, 31.9173 looks on a white background.

Color Contrast Check

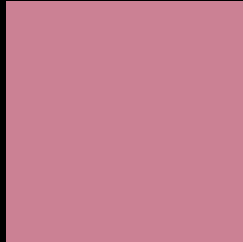
Large Text (above 18pt) WCAG AA × Fail

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 37.8242, 30.5351, 31.9173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

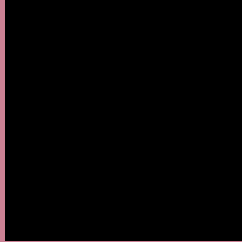
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.8242, 30.5351, 31.9173

Background



This preview shows how black text looks on a background with the XYZ color 37.8242, 30.5351, 31.9173.



This preview shows how white text looks on a background with the XYZ color 37.8242, 30.5351,

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

37.8242, 30.5351, 31.9173

Protanopia

29.8292, 30.8348, 37.6372

Deuteranopia

31.1726, 30.5106, 31.0342



Tritanopia

37.0734, 30.4153, 28.7277

Trichromacy



Original Color

37.8242, 30.5351, 31.9173

Protanomaly

32.0359, 30.1813, 35.5896

Deuteranomaly

33.2433, 30.2439, 31.2797

Tritanomaly

37.2977, 30.5050, 29.9089

Monochromacy



Original Color

37.8242, 30.5351, 31.9173

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

32.3538, 30.8388, 33.5254

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.8242, 30.5351, 31.9173 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(203, 129, 148)` looks like.

```
.text, #text, p{  
    color:rgb(203, 129, 148)  
}
```

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(203, 129, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 129, 148) }
```

Border

The CSS property to change the border of an element to XYZ 37.8242, 30.5351, 31.9173 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(203, 129, 148) }
```


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

```
.border{ border-color:rgb(203, 129, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 129, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 129, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 129, 148);  
box-shadow:4px 4px 4px 4px rgb(203, 129,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 37.8242, 30.5351, 31.9173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 129, 148) }
```

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

```
.background{ background-color: rgb(203,  
129, 148) }
```

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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