

Converting Colors

XYZ(37.4418, 30.4025, 35.8536)

Have a look what the booklet for
XYZ(37.4418, 30.4025, 35.8536)
contains.

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Color

**XYZ(37.3571, 30.4054,
35.7982)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C6829D |
| RGB | 198, 130, 157 |
| RGB Percent | 78%, 51%, 62% |
| CMY | 0.2235, 0.4902, 0.3843 |
| CMYK | 0.00, 0.34, 0.21, 0.22 |
| HSL | 336°, 37%, 64% |
| HSV | 336°, 34%, 78% |
| XYZ | 37.3571, 30.4054, 35.7982 |
| YIQ | 153.4100, 31.8610, 22.8130 |

Conversions

Conversions Part 2

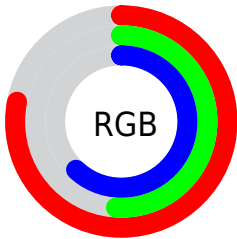
| Format | Color |
|-------------------------------------|---|
| RYB | 198, 130, 157 |
| Decimal | 13009565 |
| CIELab | 62.00, 30.04, -3.55 |
| CIELCh | 62, 30.245, 353.258 |
| Yxy | 30.4054, 0.3607, 0.2936 |
| Android (android.graphics.Color) | 4291199645 (0xFFC6829D) |
| YUV | 153.4100, 1.7699, 39.1054 |
| Hunter-Lab | 55.1411, 24.4336, 0.1070 |

Details

The XYZ color **37.3571, 30.4054, 35.7982** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.7520, 48.0749, 45.8727**, and the grayscale version is **30.4405, 32.0258, 34.8761**.

A 20% lighter version of the original color is **70.2642, 60.2944, 70.2220**, and **16.7252, 12.4722, 15.1615** is the 20% darker color. If you saturate the color by 10%, you get **34.0025, 25.2483, 29.8944**, and if you desaturate by 10%, it is **41.3198, 36.6187, 42.3968**.

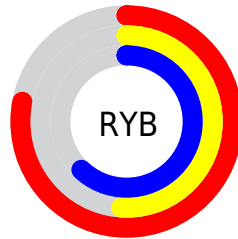
Distribution



Red (78%)

Green (51%)

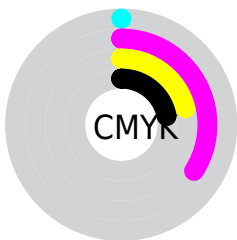
Blue (62%)



Red (78%)

Yellow (51%)

Blue (62%)

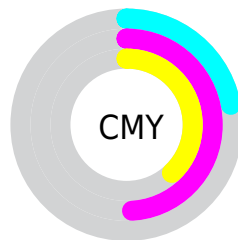


Cyan (0%)

Magenta (34%)

Yellow (21%)

Black (22%)



Cyan (22%)


Magenta (49%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.3571, 30.4054, 35.7982 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 37.3571, 30.4054, 35.7982 by changing the saturation by 10% instead.


 37.3571, 30.4054,
35.7982


 37.3571, 30.4054,
35.7982


326.1827,
303.7896, 343.0883

 25.6590, 20.1465,
23.9899


 70.4319, 60.3027,
69.8860

 16.7001, 12.5016,
15.1140


 92.5394, 80.7099,
93.0026

 10.1149, 7.0862,
8.7519


 118.8474,
105.2687, 120.7258

 5.5380, 3.5161,
4.4851

149.7213,
134.3634, 153.4740

 2.6042, 1.4067,
1.8951

185.5264,
168.3784, 191.6658

 0.9481, 0.2217,
0.4896

226.6281,

 0.0000, 0.0000,

207.6982, 235.7198

0.0000

273.3918,
252.7071, 286.0545

■ 37.3571, 30.4054,
35.7982

■ 37.3571, 30.4054,
35.7982

■ 34.0025, 25.2483,
29.8944

■ 41.3198, 36.6187,
42.3968

■ 31.2213, 21.0835,
24.6589

■ 45.9177, 43.9387,
49.7118

■ 28.9795, 17.8472,
20.0659


■ 51.1790, 52.4178,
57.7657


■ 27.2376, 15.4659,
16.0869


■ 57.1297, 62.1036,
66.5799


■ 25.9508, 13.8548,
12.6907


■ 63.7944, 73.0413,
76.1743


 25.0651, 12.9116,
9.8421

 71.1962, 85.2737,
86.5685

 24.6859, 12.5646,
8.4472

 74.8623, 89.8512,
96.2828

 76.7008, 90.5866,
105.9642

 77.0987, 90.7458,
108.0599

Harmonies

Analogous

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



35.6105, 30.4054, 48.3460



37.3571, 30.4054, 35.7982



36.6732, 30.4054, 25.0464

Triad

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



37.3571, 30.4054, 35.7982



25.9278, 30.4054, 16.5334



24.4805, 30.4054, 54.4245

Complementary

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



37.3571, 30.4054, 35.7982



36.7520, 48.0749, 45.8727

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.



22.3100, 30.4054, 42.7328



37.3571, 30.4054, 35.7982



23.0894, 30.4054, 21.4617

Square

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



37.3571, 30.4054, 35.7982



29.8247, 30.4054, 15.5099



21.8256, 30.4054, 30.5529



27.9935, 30.4054, 60.6106

Rectangle

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



37.3571, 30.4054, 35.7982



34.9595, 30.4054, 20.0375



21.8256, 30.4054, 30.5529



23.5836, 30.4054, 50.8931

Sweetspot

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



37.3580, 30.4068, 35.7988



85.0702, 83.8447, 93.8456



34.9279, 28.6796, 57.1210



17.9297, 17.4976, 19.6576



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.



37.3580, 30.4068, 35.7988



61.7282, 47.0205, 55.6677



36.2363, 31.4535, 25.2822



10.8054, 10.7055, 11.9584



16.0934, 8.1869, 5.7019



0.7976, 0.4019, 0.4572

Inverse Universe

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



37.3580, 30.4068, 35.7988



61.7282, 47.0205, 55.6677



38.0744, 46.1727, 60.3317



10.8054, 10.7055, 11.9584



16.0934, 8.1869, 5.7019



0.7976, 0.4019, 0.4572

Previews

White Background



This preview shows how the XYZ color 37.3571, 30.4054, 35.7982 looks on a white background.

Color Contrast Check

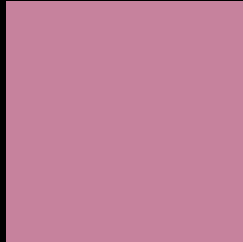
Large Text (above 18pt) WCAG AA × Fail

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 37.3571, 30.4054, 35.7982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

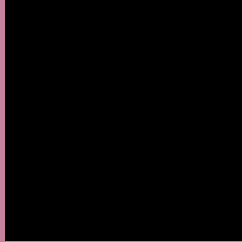
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.3571, 30.4054, 35.7982

Background



This preview shows how black text looks on a background with the XYZ color 37.3571, 30.4054, 35.7982.



This preview shows how white text looks on a background with the XYZ color 37.3571, 30.4054,

35.7982.

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

37.3571, 30.4054, 35.7982

Protanopia

29.9415, 30.5625, 41.8572

Deuteranopia

31.2159, 30.6774, 34.8479



Tritanopia

36.1104, 30.4940, 29.9693

Trichromacy



Original Color

37.3571, 30.4054, 35.7982

Protanomaly

32.1904, 30.1696, 39.7240

Deuteranomaly

33.1990, 30.3528, 35.1193

Tritanomaly

36.6225, 30.5110, 31.9760

Monochromacy



Original Color

37.3571, 30.4054, 35.7982

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

32.3203, 31.0189, 34.8556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3571, 30.4054, 35.7982 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(198, 130, 157)` looks like.

```
.text, #text, p{  
    color:rgb(198, 130, 157)  
}
```

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(198, 130, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 130, 157) }
```

Border

The CSS property to change the border of an element to XYZ 37.3571, 30.4054, 35.7982 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(198, 130, 157) }
```


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

```
.border{ border-color:rgb(198, 130, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 130, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 130, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 130, 157);  
box-shadow:4px 4px 4px 4px rgb(198, 130,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3571, 30.4054, 35.7982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 130, 157) }
```

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

```
.background{ background-color: rgb(198,  
130, 157) }
```

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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