

Converting Colors

XYZ(37.3922, 30.2992, 41.4137)

Have a look what the booklet for
XYZ(37.3922, 30.2992, 41.4137)
contains.

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Color

**XYZ(37.3922, 30.2992,
41.4137)**

Conversions

Conversions Part 1

Format	Color
Hex	C282A9
RGB	194, 130, 169
RGB Percent	76%, 51%, 66%
CMY	0.2392, 0.4902, 0.3373
CMYK	0.00, 0.33, 0.13, 0.24
HSL	323°, 34%, 64%
HSV	323°, 33%, 76%
XYZ	37.3922, 30.2992, 41.4137
YIQ	153.5820, 25.6250, 25.6970

Conversions

Conversions Part 2

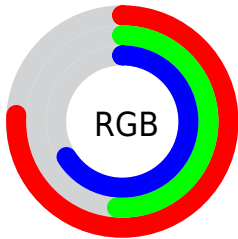
Format	Color
RYB	194, 130, 169
Decimal	12747433
CIELab	61.91, 30.54, -10.58
CIELCh	62, 32.322, 340.898
Yxy	30.2992, 0.3427, 0.2777
Android (android.graphics.Color)	4290937513 (0xFFC282A9)
YUV	153.5820, 7.6011, 35.4466
Hunter-Lab	55.0447, 24.9279, -6.0764

Details

The XYZ color **37.3922, 30.2992, 41.4137** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **34.4154, 45.6968, 38.0189**, and the grayscale version is **30.4929, 32.0809, 34.9361**.

A 20% lighter version of the original color is **70.3787, 60.1720, 78.4260**, and **16.6543, 12.3653, 18.3386** is the 20% darker color. If you saturate the color by 10%, you get **34.3601, 25.3404, 36.9940**, and if you desaturate by 10%, it is **40.9539, 36.2503, 46.2140**.

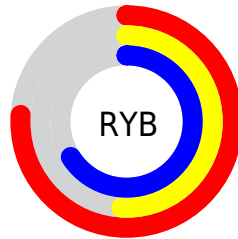
Distribution



Red (76%)

Green (51%)

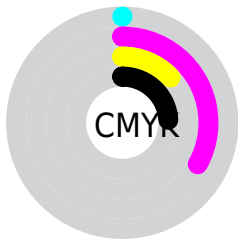
Blue (66%)



Red (76%)

Yellow (51%)

Blue (66%)

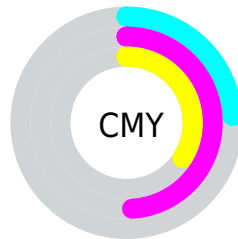


Cyan (0%)

Magenta (33%)

Yellow (13%)

Black (24%)



Cyan (24%)


Magenta (49%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.3922, 30.2992, 41.4137 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 37.3922, 30.2992, 41.4137 by changing the saturation by 10% instead.


 37.3922, 30.2992,
41.4137

 37.3922, 30.2992,
41.4137

326.3316,
303.2966, 367.7744


 25.6864, 20.0658,
28.3203


 70.4855, 60.1350,
78.5720

 16.7206, 12.4429,
18.3261


 92.6037, 80.5062,
103.4740

 10.1296, 7.0461,
11.0125


 118.9234,
105.0255, 133.1493

 5.5479, 3.4909,
5.9610

149.8099,
134.0772, 168.0165

 2.6102, 1.3931,
2.7530

185.6286,
168.0458, 208.4941

 0.9511, 0.2116,
0.9699

226.7449,

 0.0000, 0.0000,

207.3156, 255.0005

0.0000

273.5241,
252.2711, 307.9545

■ 37.3922, 30.2992,
41.4137

■ 37.3922, 30.2992,
41.4137

■ 34.3601, 25.3404,
36.9940

■ 40.9539, 36.2503,
46.2140

■ 31.8266, 21.3145,
32.9403

■ 45.0683, 43.2402,
51.4051

■ 29.7620, 18.1625,
29.2395

■ 49.7606, 51.3176,
56.9989

■ 28.1318, 15.8166,
25.8764

■ 55.0535, 60.5270,
63.0062

■ 26.8963, 14.1990,
22.8342

■ 60.9683, 70.9102,
69.4371

■ 26.0085, 13.2163,
20.0933

■ 67.5255, 82.5070,
76.3015

■ 25.5311, 12.7825,
18.3282

■ 71.2000, 88.2661,
82.4275

■ 72.2392, 88.6818,
87.9003

■ 73.3248, 89.1160,
93.6167

Harmonies

Analogous

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



34.5929, 30.2992, 54.4638



37.3922, 30.2992, 41.4137



37.7598, 30.2992, 28.6900

Triad

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



37.3922, 30.2992, 41.4137



27.2548, 30.2992, 14.6959



22.9593, 30.2992, 51.1676

Complementary

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



37.3922, 30.2992, 41.4137



34.4154, 45.6968, 38.0189

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.



21.3805, 30.2992, 37.7010



37.3922, 30.2992, 41.4137



23.6902, 30.2992, 18.0654

Square

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



37.3922, 30.2992, 41.4137



31.6063, 30.2992, 15.2163



21.6340, 30.2992, 25.7950



26.1621, 30.2992, 60.9981

Rectangle

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



37.3922, 30.2992, 41.4137



36.5392, 30.2992, 22.2105



21.6340, 30.2992, 25.7950



22.2363, 30.2992, 46.7929

Sweetspot

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



37.3931, 30.3006, 41.4143



83.9488, 82.2762, 95.9246



31.1498, 26.7844, 54.5675



18.1267, 17.5764, 20.6950



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.



37.3931, 30.3006, 41.4143



63.4610, 47.8686, 68.8472



34.7808, 29.2557, 27.6582



10.3252, 10.1787, 11.8031



16.8270, 8.4206, 12.2671



0.7601, 0.3770, 0.7039

Inverse Universe

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



37.3931, 30.3006, 41.4143



63.4610, 47.8686, 68.8472



37.4185, 46.8980, 53.8329



10.3252, 10.1787, 11.8031



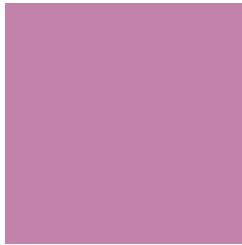
16.8270, 8.4206, 12.2671



0.7601, 0.3770, 0.7039

Previews

White Background



This preview shows how the XYZ color 37.3922, 30.2992, 41.4137 looks on a white background.

Color Contrast Check

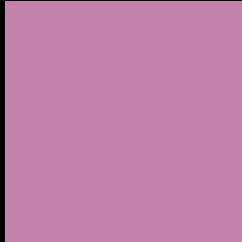
Large Text (above 18pt) WCAG AA × Fail

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 37.3922, 30.2992, 41.4137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

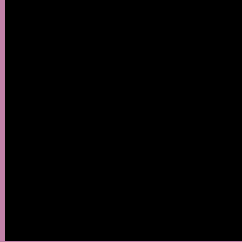
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.3922, 30.2992, 41.4137

Background



This preview shows how black text looks on a background with the XYZ color 37.3922, 30.2992, 41.4137.



This preview shows how white text looks on a background with the XYZ color 37.3922, 30.2992,

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

37.3922, 30.2992, 41.4137

Protanopia

30.4156, 30.6707, 48.0330

Deuteranopia

31.0664, 30.4790, 40.3221



Tritanopia

35.1218, 30.1709, 30.7605

Trichromacy



Original Color

37.3922, 30.2992, 41.4137

Protanomaly

32.5091, 30.2017, 45.7111

Deuteranomaly

32.9307, 30.0922, 40.6320

Tritanomaly

35.9585, 30.3146, 34.5279

Monochromacy



Original Color

37.3922, 30.2992, 41.4137

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

32.7456, 31.1890, 37.0951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3922, 30.2992, 41.4137 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(194, 130, 169)` looks like.

```
.text, #text, p{  
    color:rgb(194, 130, 169)  
}
```

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(194, 130, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 130, 169) }
```

Border

The CSS property to change the border of an element to XYZ 37.3922, 30.2992, 41.4137 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(194, 130, 169) }
```


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

```
.border{ border-color:rgb(194, 130, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 130, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 130, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 130, 169); box-shadow:4px 4px 4px 4px rgb(194, 130, 169) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3922, 30.2992, 41.4137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 130, 169) }
```

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

```
.background{ background-color: rgb(194,  
130, 169) }
```

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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