

Converting Colors

XYZ(38.8377, 33.7635, 32.4870)

Have a look what the booklet for
XYZ(38.8377, 33.7635, 32.4870)
contains.

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Color

**XYZ(38.8377, 33.7635,
32.4870)**

Conversions

Conversions Part 1

Format	Color
Hex	C88E94
RGB	200, 142, 148
RGB Percent	78%, 56%, 58%
CMY	0.2157, 0.4431, 0.4196
CMYK	0.00, 0.29, 0.26, 0.22
HSL	354°, 35%, 67%
HSV	354°, 29%, 78%
XYZ	38.8377, 33.7635, 32.4870
YIQ	160.0260, 32.6420, 14.1620

Conversions

Conversions Part 2

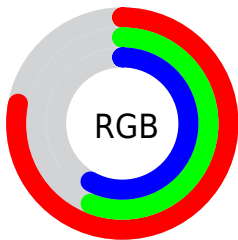
Format	Color
R _Y B	200, 142, 148
Decimal	13143700
CIE Lab	64.77, 22.86, 5.62
CIE LCh	65, 23.545, 13.817
Yxy	33.7635, 0.3696, 0.3213
Android (android.graphics.Color)	4291333780 (0xFFC88E94)
YUV	160.0260, -5.9288, 35.0572
Hunter-Lab	58.1064, 17.6214, 7.5257

Details

The XYZ color **38.8377, 33.7635, 32.4870** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.5486, 50.9551, 58.6870**, and the grayscale version is **33.4423, 35.1839, 38.3153**.

A 20% lighter version of the original color is **71.6406, 65.0041, 64.6483**, and **17.5758, 14.3650, 13.1556** is the 20% darker color. If you saturate the color by 10%, you get **34.8135, 27.8133, 24.6769**, and if you desaturate by 10%, it is **43.6175, 40.8726, 41.6346**.

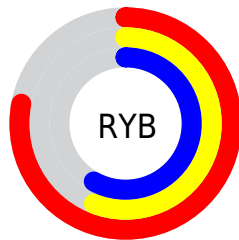
Distribution



Red (78%)

Green (56%)

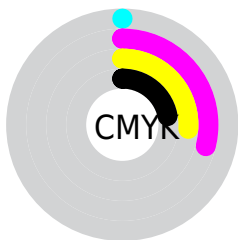
Blue (58%)



Red (78%)

Yellow (56%)

Blue (58%)

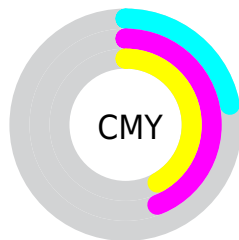


Cyan (0%)

Magenta (29%)

Yellow (26%)

Black (22%)



Cyan (22%)


Magenta (44%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.8377, 33.7635, 32.4870 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 38.8377, 33.7635, 32.4870 by changing the saturation by 10% instead.


 38.8377, 33.7635,
32.4870


 38.8377, 33.7635,
32.4870

332.4190,
319.0762, 327.8926


 26.8136, 22.7120,
21.4659


 72.6860, 65.5657,
64.6805

 17.5692, 14.3810,
13.2704


 95.2409, 87.0852,
86.6900

 10.7389, 8.3861,
7.4821


 122.0368,
112.8628, 113.1993

 5.9576, 4.3430,
3.6824

153.4391,
143.2829, 144.6270

 2.8597, 1.8672,
1.4528

189.8131,
178.7299, 181.3917

 1.0800, 0.5286,
0.1824

231.5242,

 0.0083, 0.0000,

219.5882, 223.9118

0.0000

278.9377,
266.2422, 272.6059

■ 0.0000, 0.0000,
0.0000

■ 38.8377, 33.7635,
32.4870

■ 38.8377, 33.7635,
32.4870

■ 34.8135, 27.8133,
24.6769

■ 43.6175, 40.8726,
41.6346

■ 31.5036, 22.9560,
18.1396

■ 49.1861, 49.1925,
52.1763

■ 28.8667, 19.1266,
12.8081

■ 55.5780, 58.7776,
64.1677

■ 26.8564, 16.2508,
8.6083

■ 62.8247, 69.6778,
77.6609

■ 25.4200, 14.2446,
5.4581

■ 70.9563, 81.9400,
92.7055

■ 24.4964, 13.0094,
3.2639

■ 77.6295, 91.0194,
108.0847

■ 23.9907, 12.3827,
1.9089

■ 23.9519, 12.3323,
1.8118

Harmonies

Analogous

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



38.7587, 33.7635, 42.2081



38.8377, 33.7635, 32.4870



37.0219, 33.7635, 25.3052

Triad

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



38.8377, 33.7635, 32.4870



27.7913, 33.7635, 24.8832



30.3106, 33.7635, 57.7348

Complementary

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



38.8377, 33.7635, 32.4870



41.5486, 50.9551, 58.6870

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.



27.6189, 33.7635, 51.2425



38.8377, 33.7635, 32.4870



26.2358, 33.7635, 31.8070

Square

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



38.8377, 33.7635, 32.4870



30.5613, 33.7635, 21.4662



26.1750, 33.7635, 41.3980



33.6713, 33.7635, 58.0044

Rectangle

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



38.8377, 33.7635, 32.4870



35.0505, 33.7635, 22.4403



26.1750, 33.7635, 41.3980



29.3033, 33.7635, 56.1625

Sweetspot

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



38.8386, 33.7651, 32.4877



85.0228, 84.9662, 90.0796



42.1512, 34.8859, 59.1558



17.8755, 17.7031, 18.6719



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.



38.8386, 33.7651, 32.4877



62.5664, 51.5359, 47.1955



42.0202, 40.8682, 31.2669



10.6777, 10.6545, 11.2860



15.2454, 7.8477, 1.2363



0.7373, 0.3778, 0.1400

Inverse Universe

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



38.8386, 33.7651, 32.4877



62.5664, 51.5359, 47.1955



37.4560, 41.6702, 60.7127



10.6777, 10.6545, 11.2860



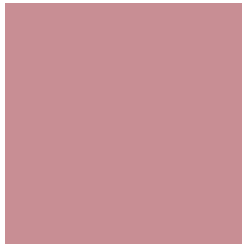
15.2454, 7.8477, 1.2363



0.7373, 0.3778, 0.1400

Previews

White Background



This preview shows how the XYZ color 38.8377, 33.7635, 32.4870 looks on a white background.

Color Contrast Check

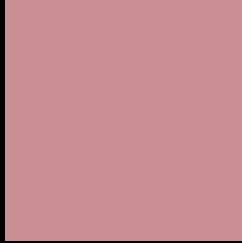
Large Text (above 18pt) WCAG AA × Fail

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 38.8377, 33.7635, 32.4870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

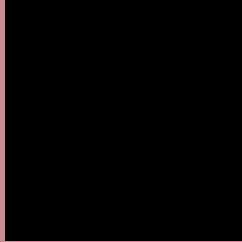
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.8377, 33.7635, 32.4870

Background



This preview shows how black text looks on a background with the XYZ color 38.8377, 33.7635, 32.4870.



This preview shows how white text looks on a background with the XYZ color 38.8377, 33.7635,

32.4870.

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

38.8377, 33.7635, 32.4870

Protanopia

32.5549, 33.9878, 36.2970

Deuteranopia

34.5480, 33.8789, 31.9125



Tritanopia

39.0118, 33.5961, 34.1343

Trichromacy



Original Color

38.8377, 33.7635, 32.4870

Protanomaly

34.6572, 33.8703, 34.8480

Deuteranomaly

35.8639, 33.6007, 32.1991

Tritanomaly

38.9302, 33.5635, 33.7047

Monochromacy



Original Color

38.8377, 33.7635, 32.4870

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

35.0712, 34.2967, 36.2240

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.8377, 33.7635, 32.4870 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, 142, 148)` looks like.

```
.text, #text, p{  
    color:rgb(200, 142, 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(200, 142, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 142, 148) }
```

Border

The CSS property to change the border of an element to XYZ 38.8377, 33.7635, 32.4870 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, 142, 148) }
```


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

```
.border{ border-color:rgb(200, 142, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 142, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 142, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 142, 148);  
box-shadow:4px 4px 4px 4px rgb(200, 142,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 38.8377, 33.7635, 32.4870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 142, 148) }
```

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

```
.background{ background-color: rgb(200,  
142, 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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