

Converting Colors

XYZ(40.2838, 33.5637, 32.4810)

Have a look what the booklet for
XYZ(40.2838, 33.5637, 32.4810)
contains.

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Color

**XYZ(40.4462, 33.7250,
32.3948)**

Conversions

Conversions Part 1

Format	Color
Hex	D08A94
RGB	208, 138, 148
RGB Percent	82%, 54%, 58%
CMY	0.1843, 0.4588, 0.4196
CMYK	0.00, 0.34, 0.29, 0.18
HSL	351°, 43%, 68%
HSV	351°, 34%, 82%
XYZ	40.4462, 33.7250, 32.3948
YIQ	160.0700, 38.5100, 17.9500

Conversions

Conversions Part 2

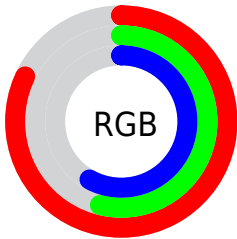
Format	Color
R _Y B	208, 138, 148
Decimal	13666964
CIE Lab	64.74, 28.05, 5.70
CIE LCh	65, 28.622, 11.480
Yxy	33.7250, 0.3795, 0.3165
Android (android.graphics.Color)	4291857044 (0xFFD08A94)
YUV	160.0700, -5.9505, 42.0346
Hunter-Lab	58.0732, 22.6916, 7.5777

Details

The XYZ color **40.4462, 33.7250, 32.3948** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.2316, 54.5930, 61.6879**, and the grayscale version is **33.4608, 35.2034, 38.3365**.

A 20% lighter version of the original color is **70.7503, 63.2235, 64.3515**, and **18.5148, 14.3549, 13.1042** is the 20% darker color. If you saturate the color by 10%, you get **36.4385, 27.7968, 24.6242**, and if you desaturate by 10%, it is **45.2446, 40.8863, 41.5022**.

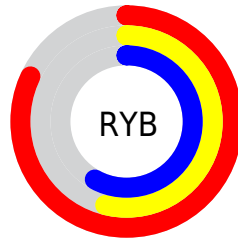
Distribution



Red (82%)

Green (54%)

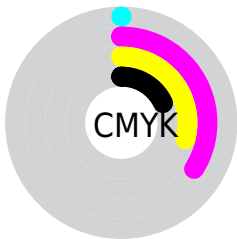
Blue (58%)



Red (82%)

Yellow (54%)

Blue (58%)

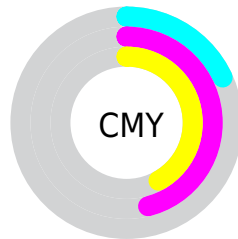


Cyan (0%)

Magenta (34%)

Yellow (29%)

Black (18%)



Cyan (18%)


Magenta (46%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.4462, 33.7250, 32.3948 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 40.4462, 33.7250, 32.3948 by changing the saturation by 10% instead.


 40.4462, 33.7250,
32.3948

 40.4462, 33.7250,
32.3948


339.1029,
318.9041, 327.4618


 28.0724, 22.6824,
21.3959


 75.1225, 65.5058,
64.5346

 18.5210, 14.3592,
13.2197


 98.1557, 87.0128,
86.5126

 11.4266, 8.3709,
7.4475


 125.4728,
112.7767, 112.9873

 6.4239, 4.3332,
3.6608

157.4390,
143.1820, 144.3774

 3.1476, 1.8616,
1.4412

194.4198,
178.6129, 181.1014

 1.2323, 0.5252,
0.1735

236.7804,

 0.1316, 0.0000,

219.4540, 223.5777

0.0000

284.8864,
266.0896, 272.2250

■ 0.0000, 0.0000,
0.0000

■ 40.4462, 33.7250,
32.3948

■ 40.4462, 33.7250,
32.3948

■ 36.4385, 27.7968,
24.6242

■ 45.2446, 40.8863,
41.5022

■ 33.1761, 23.0273,
18.1253

■ 50.8704, 49.3399,
52.0034

■ 30.6132, 19.3420,
12.8304

■ 57.3612, 59.1467,
63.9543

■ 28.6978, 16.6552,
8.6647

■ 64.7516, 70.3628,
77.4074

■ 27.3703, 14.8685,
5.5450

■ 73.0742, 83.0407,
92.4124

■ 26.5597, 13.8633,
3.3759

■ 79.8191, 92.1486,
108.1697

■ 26.2430, 13.5022,
2.4315

■ 79.8225, 92.1499,
108.1874

Harmonies

Analogous

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



40.1535, 33.7250, 44.3948



40.4462, 33.7250, 32.3948



38.3520, 33.7250, 23.6690

Triad

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



40.4462, 33.7250, 32.3948



27.0965, 33.7250, 22.2319



29.6077, 33.7250, 62.6560

Complementary

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



40.4462, 33.7250, 32.3948



43.2316, 54.5930, 61.6879

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.



26.4873, 33.7250, 53.8585



40.4462, 33.7250, 32.3948



25.1253, 33.7250, 29.9864

Square

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



40.4462, 33.7250, 32.3948



30.5062, 33.7250, 18.6966



24.9122, 33.7250, 41.4157



33.6546, 33.7250, 63.6893

Rectangle

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



40.4462, 33.7250, 32.3948



35.9808, 33.7250, 20.1986



24.9122, 33.7250, 41.4157



28.4250, 33.7250, 60.4331

Sweetspot

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



40.4471, 33.7266, 32.3955



84.1261, 83.4670, 88.8736



43.6318, 34.6707, 64.0671



17.7025, 17.4067, 18.4615



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.



40.4471, 33.7266, 32.3955



59.6587, 46.8535, 42.7334



43.6095, 41.2635, 29.7130



11.8765, 11.8354, 12.6256



16.3776, 8.4239, 1.6288



0.9384, 0.4801, 0.2105

Inverse Universe

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



40.4471, 33.7266, 32.3955



59.6587, 46.8535, 42.7334



38.9046, 44.0323, 66.1232



11.8765, 11.8354, 12.6256



16.3776, 8.4239, 1.6288



0.9384, 0.4801, 0.2105

Previews

White Background



This preview shows how the XYZ color 40.4462, 33.7250, 32.3948 looks on a white background.

Color Contrast Check

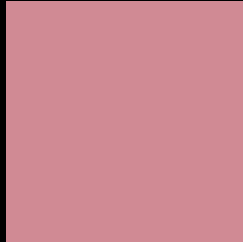
Large Text (above 18pt) WCAG AA × Fail

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 40.4462, 33.7250, 32.3948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

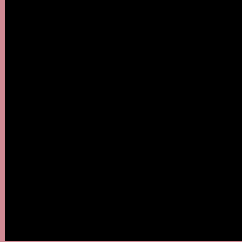
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.4462, 33.7250, 32.3948

Background



This preview shows how black text looks on a background with the XYZ color 40.4462, 33.7250, 32.3948.



This preview shows how white text looks on a background with the XYZ color 40.4462, 33.7250,

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

40.4462, 33.7250, 32.3948

Protanopia

32.7257, 34.0561, 37.1964

Deuteranopia

34.4705, 33.8479, 31.5046



Tritanopia

40.4462, 33.7250, 32.3948

Trichromacy



Original Color

40.4462, 33.7250, 32.3948

Protanomaly

34.8705, 33.4929, 35.1987

Deuteranomaly

36.3611, 33.6341, 31.7697

Tritanomaly

40.4462, 33.7250, 32.3948

Monochromacy



Original Color

40.4462, 33.7250, 32.3948

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

35.3604, 34.2039, 36.1908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4462, 33.7250, 32.3948 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(208, 138, 148)` looks like.

```
.text, #text, p{  
    color:rgb(208, 138, 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(208, 138, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 138, 148) }
```

Border

The CSS property to change the border of an element to XYZ 40.4462, 33.7250, 32.3948 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(208, 138, 148) }
```


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

```
.border{ border-color:rgb(208, 138, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 138, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 138, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 138, 148);  
box-shadow:4px 4px 4px 4px rgb(208, 138,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4462, 33.7250, 32.3948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 138, 148) }
```

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

```
.background{ background-color: rgb(208,  
138, 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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